

; SEQ ID NO 1257
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-1257

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACGGGA 21
||| |||
DB 10 TGTACGGGA 1

RESULT 48

US-10-438-683-7/c
; Sequence 7, Application US/10438683
; Publication No. US20030186923A1
; GENERAL INFORMATION:

; APPLICANT: JAMES D. THOMPSON
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; INHIBITING P-GLYCOPROTEIN mdr-
; 1 GENE

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

; ADDRESS: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017

COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/438,683
; FILING DATE: 15-May-2003
; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/07/882,885
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 197/173

TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

; LENGTH: 10

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-10-438-683-7

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGAAGTCCAG 27
||| |||
DB 10 GGAAGTCCAG 1

RESULT 49

US-10-444-206-85/c
; Sequence 85, Application US/10444206

; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Kaxas, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 85
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-85

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGGAG 22
||| |||
DB 10 GTACAGGGAG 1

RESULT 50

US-09-249-155-45/c
; Sequence 45, Application US/09249155
; Publication No. US20030037345A1
; GENERAL INFORMATION:

; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 00486.78503

CURRENT APPLICATION NUMBER: US/09/249,155

CURRENT FILING DATE: 1999-02-12

EARLIER APPLICATION NUMBER: 60/074,737

EARLIER FILING DATE: 1998-02-13

EARLIER APPLICATION NUMBER: 60/097,937

EARLIER FILING DATE: 1998-08-26

EARLIER APPLICATION NUMBER: 60/102,051

EARLIER FILING DATE: 1998-09-28

NUMBER OF SEQ ID NOS: 254

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 45

TYPE: DNA

LENGTH: 11

ORGANISM: Mus musculus

US-09-249-155-45

Query Match 30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21
||| |||
DB 10 TGTACAGGGA 1

RESULT 51

US-09-851-871-86/c

```

; Sequence 86, Application US/09851871
; Publication No. US20030176374A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-86

```

```

Query Match      30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 13 GTACGGGAG 22
Db 11 GTACGGGAG 2

```

```

RESULT 52
US-10-314-322-45/c
; Sequence 45, Application US/10314322
; Publication No. US20030229911A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-314-322-45

```

```

Query Match      30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 12 TGTACGGGA 21
Db 10 TGTACGGGA 1

```

RESULT 53

```

US-10-444-206-86/c
; Sequence 86, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 86
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-86

```

```

Query Match      30.0%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 37;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 13 GTACGGGAG 22
Db 11 GTACGGGAG 2

```

```

RESULT 54
US-09-851-871-87/c
; Sequence 87, Application US/09851871
; Publication No. US20030176374A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-87

```

```

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 13 GTACGGGAG 22

```

```
Db 12 GTACGGGGAG 3
|||||
RESULT 55
US-10-444-206-87/c
; Sequence 87, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karris, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: Modulation of the Expression of B7 Protein
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/325,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 87
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-87

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 43;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACGGGGAG 22
|||||
Db 12 GTACGGGGAG 3
|||||

RESULT 56
US-10-238-700-3087/c
; Sequence 3087, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (WBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3087
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3087

Query Match 29.3%; Score 8.2; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 75;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTACGTGTACAGG 19
|||||

Db 16 CTCCTGTACTGG 4
|||||
RESULT 57
US-10-024-396-19
; Sequence 19, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-19

Query Match 29.3%; Score 8.2; DB 1; Length 20;
Best Local Similarity 76.9%; Pred. No. 83;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTGTACGGGAG 22
|||||
Db 2 CCTGTACACGTAG 14
|||||

RESULT 58
US-10-024-396-20
; Sequence 20, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-20

Query Match 29.3%; Score 8.2; DB 1; Length 20;
Best Local Similarity 76.9%; Pred. No. 83;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7 CTCCTGTACAGG 19
|||||
Db 7 CTCCTGTACAGG 19
|||||

RESULT 59
US-09-853-105-19/c
; Sequence 19, Application US/09853105
; Publication No. US20030149236A1
; GENERAL INFORMATION:
; APPLICANT: Hilton, Douglas J.
; TITLE OF INVENTION: A NOVEL HAEMOPOIETIN RECEPTOR
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: United States of America
```

; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/853,105
; FILING DATE: 10-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/702,665
; FILING DATE: 20-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Presser, Leopold
; REGISTRATION NUMBER: 19,827
; REFERENCE/DOCKET NUMBER: 10296
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 203 901 SANS UR
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-853-105-19

Query Match 29.3%; Score 8.2; DB 1; Length 21;
Best Local Similarity 76.9%; Pred. No. 84;
Matches 10; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 7 CTACGTGTACAGG 19
Db 15 CTCCAAGTACAGG 3

RESULT 60
US-09-989-789-2098/c
; Sequence 2098, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2098
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2098

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CCCTACGT 12
Db 9 CCCTACGT 2

RESULT 61
US-09-989-789-2100/c

; Sequence 2100, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2100
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2100

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 CCCTACGT 12
Db 9 CCCTACGT 2

RESULT 62
US-09-989-789-2195
; Sequence 2195, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2195
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2195

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 17 AGGAGTC 24
Db 2 AGGAGTC 9

RESULT 63
US-09-989-789-2453/c
; Sequence 2453, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
US-09-989-789-2453/c


```

; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2453

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 CGGGCCCT 8
      |||||
Db      9 CGGGCCCT 2

RESULT 64
US-09-989-789-2454/c
; Sequence 2454, Application US/09989789
; Patent No. US20020063379A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-789-2454

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      1 CGGGCCCT 8
      |||||
Db      9 CGGGCCCT 2

RESULT 65
US-09-990-186-2098/c
; Sequence 2098, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2098
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2098

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      5 CCCTACGT 12
      |||||
Db      9 CCCTACGT 2

RESULT 66
US-09-990-186-2100/c
; Sequence 2100, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2100
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2100

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      5 CCCTACGT 12
      |||||
Db      9 CCCTACGT 2

RESULT 67
US-09-990-186-2195
; Sequence 2195, Application US/09990186
; Publication No. US20030068675A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.21 / S11-US3
; CURRENT APPLICATION NUMBER: US/09/990,186
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2195
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-990-186-2195

Query Match      28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      17 AGGGAGTC 24
      |||||
Db      2 AGGGAGTC 9

RESULT 68
US-09-990-186-2453/c
; Sequence 2453, Application US/09990186
; Publication No. US20030068675A1

```


QY 17 ACGGAGTC 24
| | | | |
DB 2 ACGGAGTC 9

RESULT 73

US-09-989-994-2453/c
; Sequence 2453, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2453

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
| | | | |
DB 9 CGGGCCCT 2

RESULT 74

US-09-989-994-2454/c
; Sequence 2454, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2454

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
| | | | |
DB 9 CGGGCCCT 2

RESULT 75

US-10-376-341-97/c
; Sequence 97, Application US/10376341
; Publication No. US20040002473A1
; GENERAL INFORMATION:
; APPLICANT: KURRECK, Jens

; APPLICANT: ERDMANN, Volker A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRL
; FILE REFERENCE: 029310.52142US
; CURRENT APPLICATION NUMBER: US/10/376,341
; CURRENT FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: PCT/EP01/10081
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 100 43 674.9
; PRIOR FILING DATE: 2000-09-02
; PRIOR APPLICATION NUMBER: 100 43 702.8
; PRIOR FILING DATE: 2000-09-04
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 97
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-376-341-97

Query Match 28.6%; Score 8; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 GGAGTCCA 26
| | | | |
DB 9 GGAGTCCA 2

RESULT 76

US-10-293-222-372/c
; Sequence 372, Application US/10293222
; Publication No. US2004003932A1
; GENERAL INFORMATION:
; APPLICANT: Caron, Hubertus N.
; APPLICANT: Versteeg, Rogier
; TITLE OF INVENTION: MYC targets
; FILE REFERENCE: 2183-5580US
; CURRENT APPLICATION NUMBER: US/10/293,222
; CURRENT FILING DATE: 2002-11-12
; PRIOR APPLICATION NUMBER: PCT/NL01/00361
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: EP 00201698.8
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: EP 00202284.6
; PRIOR FILING DATE: 2000-06-29
; NUMBER OF SEQ ID NOS: 455
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 372
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-222-372

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGTGTAC 16
| | | | |
DB 10 ACGTGTAC 3

RESULT 77

US-10-027-632-52785/c
; Sequence 52785, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30

; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52785
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52785

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGAG 22
|||||||
Db 9 ACAGGGAG 2

RESULT 78
US-10-027-632-52785/C
; Sequence 52785, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52785
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52785

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 15 ACAGGGAG 22
|||||||
Db 9 ACAGGGAG 2

RESULT 79
US-10-314-578-1125
; Sequence 1125, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1125
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1125

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGGTGAC 16
|||||||
Db 1 ACGGTGAC 8

RESULT 80
US-10-033-145-49
; Sequence 49, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GAO201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 49
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-49

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 6 CCTACGTG 13
|||||||
Db 2 CCTACGTG 9

RESULT 81
US-10-033-145-1636
; Sequence 1636, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:

; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GA0201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1636
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1636

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGGCCCT 8
Db 3 CGGGCCCT 10

RESULT 82
US-10-195-383-12/c
; Sequence 12, Application US/10195383
; Publication No. US20030165910A1
; GENERAL INFORMATION:
; APPLICANT: CHEVAL, Lydie
; APPLICANT: ELALOUP, Jean-Marc
; APPLICANT: VIRLON, Berangere
; TITLE OF INVENTION: MICROASSAY FOR SERIAL ANALYSIS OF GENE EXPRESSION AND APPLICATIONS THEREOF
; FILE REFERENCE: 0846-0499-0X
; CURRENT APPLICATION NUMBER: US/10/195,383
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: US/09/301,721
; PRIOR FILING DATE: 1999-04-29
; PRIOR APPLICATION NUMBER: EPO 99400189.9
; PRIOR FILING DATE: 1998-01-27
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-195-383-12

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 AGGGAGTC 24
Db 9 AGGGAGTC 2

RESULT 83
US-10-330-627-464/c
; Sequence 464, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480

; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 464
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-464

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCCAGG 28
Db 10 AGTCCAGG 3

RESULT 84
US-10-330-627-674/c
; Sequence 674, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 674
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-674

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 ACGGTGAC 16
Db 10 ACGGTGAC 3

RESULT 85
US-10-330-627-936/c
; Sequence 936, Application US/10330627
; Publication No. US20030175771A1
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor E.
; APPLICANT: Kinzler, Kenneth W
; TITLE OF INVENTION: Human Transcriptomes
; FILE REFERENCE: 001107.00319
; CURRENT APPLICATION NUMBER: US/10/330,627
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 09/448,480
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 1564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 936
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-330-627-936

Query Match 28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 38;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18
|||||||
Db 9 GTGTACAG 2

RESULT 86

US-09-918-715-40
; Sequence 40, Application US/09918715
; Publication No. US20030017157A1
; GENERAL INFORMATION:
; APPLICANT: Brad St. Croix
; APPLICANT: Bert Vogelstein
; APPLICANT: Kenneth Kinzler
; TITLE OF INVENTION: ENDOTHELIAL CELL EXPRESSION PATTERNS
; FILE REFERENCE: 1107.00134
; CURRENT APPLICATION NUMBER: US/09/918,715
; PRIOR FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/222,599
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: 60/224,360
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/282,850
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-715-40

Query Match 28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 GGCCTAC 10
|||||||
Db 1 GGCCTAC 8

RESULT 87

US-09-943-115A-15
; Sequence 15, Application US/09943115A
; Publication No. US20030017469A1
; GENERAL INFORMATION:
; APPLICANT: SEQUENOM, Inc.
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria
; APPLICANT: Lewander, Tommy
; APPLICANT: Olsson, Erik
; TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
; FILE REFERENCE: 52459-20021.00
; CURRENT APPLICATION NUMBER: US/09/943,115A
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: UK 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
; OTHER INFORMATION: on the coding strand
US-09-943-115A-15

Query Match 28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18
|||||||
Db 3 GTGTACAG 10

RESULT 88

US-09-943-115A-16/c
; Sequence 16, Application US/09943115A
; Publication No. US20030017469A1
; GENERAL INFORMATION:
; APPLICANT: SEQUENOM, Inc.
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria
; APPLICANT: Lewander, Tommy
; APPLICANT: Olsson, Erik
; TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
; FILE REFERENCE: 52459-20021.00
; CURRENT APPLICATION NUMBER: US/09/943,115A
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: UK 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
; OTHER INFORMATION: on the non-coding strand
US-09-943-115A-16

Query Match 28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 GTGTACAG 18
|||||||
Db 9 GTGTACAG 2

RESULT 89

US-10-027-632-176254
; Sequence 176254, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA

```

; ORGANISM: Human
US-10-027-632-176254

Query Match      28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      18 GGGAGTCC 25
      |||||
Db      2 GGGAGTCC 9

RESULT 90
US-10-027-632-176254
; Sequence 176254, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027.632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176254

Query Match      28.6%; Score 8; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 45;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      18 GGGAGTCC 25
      |||||
Db      2 GGGAGTCC 9

RESULT 91
US-09-249-155-236
; Sequence 236, Application US/09249155
; Publication No. US20030037345A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155
; CURRENT FILING DATE: 1999-02-12
; EARLIER APPLICATION NUMBER: 60/074,737
; EARLIER FILING DATE: 1998-02-13
; EARLIER APPLICATION NUMBER: 60/097,937
; EARLIER FILING DATE: 1998-08-26
; EARLIER APPLICATION NUMBER: 60/102,051
; EARLIER FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 236
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-249-155-236

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches      9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
      |||||
Db      1 GGGGGCCCGAG 11

RESULT 92
US-10-223-126-175
; Sequence 175, Application US/10223126
; Publication No. US20030092662A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; TITLE OF INVENTION: Molecular Interaction Sites of 16S Ribosomal RNA and Methods of
; Modulating the Same
; FILE REFERENCE: IBIS-0424
; CURRENT APPLICATION NUMBER: US/10/223,126
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/313,890
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 202
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 175
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-223-126-175

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 72.7%; Pred. No. 50;
Matches      8; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      16 CAGGGAGTCCA 26
      |||||
Db      1 CUGGAGUGCCA 11

RESULT 93
US-10-104-307-24
; Sequence 24, Application US/10104307
; Publication No. US20030180729A1
; GENERAL INFORMATION:
; APPLICANT: GUNNING, Kerry B.
; APPLICANT: POWDRILL, Tom
; APPLICANT: HOGAN, Michael
; TITLE OF INVENTION: Hybridization Rate Enhancement for Substrate-Bound Specific Nuc
; leic Acid Binding Agents
; FILE REFERENCE: 053960.0001/US
; CURRENT APPLICATION NUMBER: US/10/104,307
; CURRENT FILING DATE: 2002-03-22
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(11)
; OTHER INFORMATION: synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 5' amine modification

```

US-10-104-307-24

Query Match 27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
| | | | | | | |
DB 1 GTAGAGGGCGT 11

RESULT 94

US-10-314-322-236
; Sequence 236, Application US/10314322
; Publication No. US2003022991A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 236
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus

US-10-314-322-236

Query Match 27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
| | | | | | | |
DB 1 GGGGGCCCGG 11

RESULT 95

US-10-314-322-272/c
; Sequence 272, Application US/10314322
; Publication No. US2003022991A1
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; FILE REFERENCE: 000486.00016
; CURRENT APPLICATION NUMBER: US/10/314,322
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; PRIOR APPLICATION NUMBER: US 09/249,155
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 272
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus

US-10-314-322-272

Query Match 27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 50;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGTGTCACAGG 20
| | | | | | | |
DB 11 CTGTGAGGG 1

RESULT 96

US-09-929-507-19/c
; Sequence 19, Application US/0929507
; Publication No. US20030039976A1
; GENERAL INFORMATION:
; APPLICANT: Hoff, Lawrence A.
; TITLE OF INVENTION: Methods For Base Counting
; FILE REFERENCE: SYP-170
; CURRENT APPLICATION NUMBER: US/09/929,507
; CURRENT FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-929-507-19

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGTGTCACAGG 20
| | | | | | | |
DB 11 CTGTGTCAGG 1

RESULT 97

US-09-900-112-55/c
; Sequence 55, Application US/09900112
; Publication No. US20030082209A1
; GENERAL INFORMATION:
; APPLICANT: Skiadopoulos, Mario H.
; APPLICANT: Collins, Peter L.
; APPLICANT: Murphy, Brian R.
; APPLICANT: Schmidt, Alexander C.
; TITLE OF INVENTION: Attenuated Human-Bovine Chimeric Parainfluenza Virus (PIV) Vacc
; FILE REFERENCE: NIH-0127
; CURRENT APPLICATION NUMBER: US/09/900,112
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: 60/215,809
; PRIOR FILING DATE: 2000-07-05
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Parainfluenza Virus
US-09-900-112-55

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTCTA 15
| | | | | | | |
DB 11 CCGTACGTCTA 1


```

RESULT 98
US-09-900-112-60/c
; Sequence 60, Application US/09900112
; Publication No. US20030082209A1
; GENERAL INFORMATION:
; APPLICANT: Lemeshko, Sery
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Skladopoulos, Mario H.
; APPLICANT: Collins, Peter L.
; APPLICANT: Murphy, Brian R.
; APPLICANT: Schmidt, Alexander C.
; TITLE OF INVENTION: Attenuated Human-Bovine Chimeric Parainfluenza Virus (PIV) Vaccin
; FILE REFERENCE: NIH-0127
; CURRENT APPLICATION NUMBER: US/09/900,112
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: 60/215,809
; PRIOR FILING DATE: 2000-07-05
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 60
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Parainfluenza Virus
US-09-900-112-60
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGTA 15
DB 11 CCGTAGGCTA 1

RESULT 99
US-10-193-938-2
; Sequence 2, Application US/10193938
; Publication No. US20030134299A1
; GENERAL INFORMATION:
; APPLICANT: Hogan, Michael
; APPLICANT: Lemeshko, Sery
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Powdrill, Tom
; APPLICANT: Mitra, Rahul
; TITLE OF INVENTION: METHODS AND DEVICES BASED UPON A NOVEL
; FILE REFERENCE: AP34457 00A146.0162
; CURRENT APPLICATION NUMBER: US/10/193,938
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: 60/304,500
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide mt-12-as
US-10-193-938-2
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
DB 2 TGTAGAGGGCG 12

RESULT 100
US-10-193-938-8/c
; Sequence 8, Application US/10193938
```

```

; Publication No. US20030134299A1
; GENERAL INFORMATION:
; APPLICANT: Hogan, Michael
; APPLICANT: Lemeshko, Sery
; APPLICANT: Belosludtsev, Yuri
; APPLICANT: Powdrill, Tom
; APPLICANT: Mitra, Rahul
; TITLE OF INVENTION: METHODS AND DEVICES BASED UPON A NOVEL
; FILE REFERENCE: AP34457 00A146.0162
; CURRENT APPLICATION NUMBER: US/10/193,938
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: 60/304,500
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide mt-12-s
US-10-193-938-8
Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
DB 11 TGTAGAGGGCG 1

RESULT 101
US-09-912-673A-55
; Sequence 55, Application US/09912673A
; Publication No. US20030186230A1
; GENERAL INFORMATION:
; APPLICANT: Ye, Baogce
; TITLE OF INVENTION: MEDIUM AND LOW DENSITY GENE CHIPS
; FILE REFERENCE: JNB 100
; CURRENT APPLICATION NUMBER: US/09/912,673A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: P(qs)1 DNA probe
US-09-912-673A-55
Query Match 27.1%; Score 7.6; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 6 CCTACGTGTACAGG 19
DB 2 CCTCCCTGGACAAG 15

RESULT 102
US-09-818-875-2950
; Sequence 2950, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
```

```
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; FILE REFERENCE: Napro-4
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2950

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTTGTACAGG 19
Db      3 CCTCCCTGGACAAG 16

RESULT 103
US-09-818-875-2951/c
; Sequence 2951, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2951

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTTGTACAGG 19
Db      15 CCTCCCTGGACAAG 2

RESULT 104
US-10-209-787-2950
; Sequence 2950, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
```

```
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2950

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTTGTACAGG 19
Db      3 CCTCCCTGGACAAG 16

RESULT 105
US-10-209-787-2951/c
; Sequence 2951, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2951

Query Match      27.1%; Score 7.6; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 91;
Matches 10; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      6 CCTACGTTGTACAGG 19
Db      15 CCTCCCTGGACAAG 2

RESULT 106
```



```
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(10)
; OTHER INFORMATION: F264
; OTHER INFORMATION: The sequence ACA replaces the sequence GAGAG.46bp.CGTC
US-10-146-503-73

Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 11 GTGTACAGGAG 22
    |||||
Db 3 GTGCACATGGG 14

RESULT 110
US-09-504-231A-319/c
; Sequence 319, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: JPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 319
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-319

Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 ACAGGGAGTCCA 26
    |||||
Db 13 ACCTGGACTCCA 2

RESULT 111
US-09-274-553D-319/c
; Sequence 319, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: JPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
```

```
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 319
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-319

Query Match      25.7%; Score 7.2; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 94;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 15 ACAGGGAGTCCA 26
    |||||
Db 13 ACCTGGACTCCA 2

RESULT 112
US-10-159-856-39
; Sequence 39, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-39

Query Match      25.7%; Score 7.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
    |||||
Db 2 TCCCTGTACAG 13

RESULT 113
US-10-159-856-105/c
; Sequence 105, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-105
```

Query Match 25.7%; Score 7.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TAGGTGTACAGG 19
| | | | | | | |
DB 19 TCCGTGTACAGG 8

RESULT 114

US-09-882-945A-275/3
; Sequence 275, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 275
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-275

Query Match 25.0%; Score 7; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAGTCC 25
| | | | | | | | | | | | | | | | | |
DB 15 GTAGACATAGGTCC 1

RESULT 115

US-09-929-507-19
; Sequence 19, Application US/09929507
; Publication No. US20030039976A1
; GENERAL INFORMATION:
; APPLICANT: Haiff, Lawrence A.
; TITLE OF INVENTION: Methods For Base Counting
; FILE REFERENCE: SYP-170
; CURRENT APPLICATION NUMBER: US/09/929,507
; CURRENT FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-929-507-19

Query Match 24.3%; Score 6.8; DB 1; Length 12;
Best Local Similarity 80.0%; Pred. No. 87;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGTGTACAGG 19
| | | | | | | | | | | |
DB 2 CCTGGACAGG 11

RESULT 116

US-09-929-507-19

US-08-591-486B-164

; Sequence 164, Application US/08591486B
; Publication No. US20020037866A1
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg F
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Göttingen, Wolfgang Brysch
; TITLE OF INVENTION: A Pharmaceutical Composition
; TITLE OF INVENTION: Comprising Antisense-Nucleic Acid for Prevention and/or Treatment of Neuronal Injury, Degeneration and Cell Death and for the Treatment of Neoplasms
; TITLE OF INVENTION: Treatment of Neoplasms
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh Street, N.W.
; CITY: Washington, D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/591,486B
; FILING DATE: 11-JAN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93111059.7
; FILING DATE: 10-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP94/02218
; FILING DATE: 6-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10496/P60122
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-9350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-591-486B-164

Query Match 24.3%; Score 6.8; DB 1; Length 14;
Best Local Similarity 80.0%; Pred. No. 1e+02;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGG 20
| | | | | | | | | | | |
DB 4 GTATACAGG 13

RESULT 117

US-08-983-605-203
; Sequence 203, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum Aestivum and Tribe Triticeae and the Use of
; TITLE OF INVENTION: Said Markers
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01

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; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-203

Query Match      24.3%; Score 6.8; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 1.1e-02;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 7 CTACGTGTAC 16
Db 1 CTCCTGTAC 10

RESULT 118
US-09-930-423-643
; Sequence 643, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-643

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e-02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 2 CACUCGUGUACA 14

RESULT 119
US-09-930-423-1045
; Sequence 1045, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1045

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e-02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 2 CACUCGUGUACA 14
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Db 4 CACUCGUGUACA 16

RESULT 120
US-09-930-423-1120
; Sequence 1120, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00.918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1120

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e-02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 1 CACUCGUGUACA 13

RESULT 121
US-09-745-237A-643
; Sequence 643, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 643
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-643

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e-02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 2 CACUCGUGUACA 14

RESULT 122
US-09-745-237A-1045
; Sequence 1045, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
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; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1045
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1045

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 4 CACUCGCGUACA 16

RESULT 123
US-09-745-237A-1120
; Sequence 1120, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MHB00-318-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1120
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1120

Query Match      23.6%; Score 6.6; DB 1; Length 17;
Best Local Similarity 46.2%; Pred. No. 1.1e+02;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

Qy 5 CCTACGTGTACA 17
Db 1 CACUCGCGUACA 13

RESULT 124
US-10-027-632-176254/c
; Sequence 176254, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176254

Query Match      22.9%; Score 6.4; DB 1; Length 11;
Best Local Similarity 87.5%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 18 GGGAGTCC 25
Db 10 GGGACTCC 3

RESULT 125
US-10-027-632-176254/c
; Sequence 176254, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 176254
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-176254

Query Match      22.9%; Score 6.4; DB 1; Length 11;
Best Local Similarity 87.5%; Pred. No. 92;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 18 GGGAGTCC 25
Db 10 GGGACTCC 3

RESULT 126
US-10-407-637-20
; Sequence 20, Application US/10407637
; Publication No. US20030194736A1
; GENERAL INFORMATION:
; APPLICANT: Bitinaite, Jurate
; TITLE OF INVENTION: Methods and Compositions For DNA Manipulation
; FILE REFERENCE: NEB-203-US
; CURRENT APPLICATION NUMBER: US/10/407,637
; CURRENT FILING DATE: 2003-04-04
; PRIOR APPLICATION NUMBER: US 60/372,352
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 60/372,675
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 60/421,010
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/ PRIOR FILING DATE: 2002-10-24
/ NUMBER OF SEQ ID NOS: 34
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 20
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: unknown
/ FEATURE:
/ OTHER INFORMATION: mutated pUC19
US-10-407-637-20

Query Match      22.1%; Score 6.2; DB 1; Length 12;
Best Local Similarity 72.7%; Pred.No. 1.1e+02;
Matches 8; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
Db 1 TGTACACCTAG 11

RESULT 127
US-09-989-789-2453
/ Sequence 2453, Application US/09989789
/ Patent No. US20020063379A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.20 / S11-US2
/ CURRENT APPLICATION NUMBER: US/09/989,789
/ CURRENT FILING DATE: 2002-03-25
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2453
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2453

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 128
US-09-989-789-2454
/ Sequence 2454, Application US/09989789
/ Patent No. US20020063379A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.20 / S11-US2
/ CURRENT APPLICATION NUMBER: US/09/989,789
/ CURRENT FILING DATE: 2002-03-25
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2454
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2454

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 129
US-09-990-186-2453
/ Sequence 2453, Application US/09990186
/ Publication No. US20030068675A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.21 / S11-US3
/ CURRENT APPLICATION NUMBER: US/09/990,186
/ CURRENT FILING DATE: 2001-11-20
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2453
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2453

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 130
US-09-990-186-2454
/ Sequence 2454, Application US/09990186
/ Publication No. US20030068675A1
/ GENERAL INFORMATION:
/ APPLICANT: LIU, Qiang
/ TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
/ FILE REFERENCE: 8325-0011.21 / S11-US3
/ CURRENT APPLICATION NUMBER: US/09/990,186
/ CURRENT FILING DATE: 2001-11-20
/ NUMBER OF SEQ ID NOS: 4085
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 2454
/ LENGTH: 9
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-990-186-2454

Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GGGCCC 7
Db 3 GGGCCC 8

RESULT 131
US-09-989-994-2453
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; Sequence 2453, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2453
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2453
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```
Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      2 GGGCCC 7
        |||||
DB      3 GGGCCC 8
```

RESULT 132

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US-09-989-994-2454
; Sequence 2454, Application US/09989994
; Publication No. US20030104526A1
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,994
; CURRENT FILING DATE: 2001-11-20
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2454
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-989-994-2454
```

```
Query Match      21.4%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred.No. 2.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY      2 GGGCCC 7
        |||||
DB      3 GGGCCC 8
```

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Job time : 0:001 secs
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10/1001, 844

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: April 19, 2004, 15:52:36 ; Search time 0.001 Seconds
(without alignments)
302.960 Million cell updates/sec

Title: US-10-024-396-3-COPY
Perfect score: 28
Sequence: 1 cgggcccacgtgacagggggtccagg 28

Scoring table: IDENTITY NJC
Gapop 10.0 , Gapext 0.5

Searched: 436 seqs, 5410 residues

Total number of hits satisfying chosen parameters: 872

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 448 summaries

Database : pndb:* Pending - NA - New

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	14.4	51.4	21	US-10-770-726-3802	Sequence 3802, Ap
C 2	14.2	50.7	19	US-10-697-527-403	Sequence 203, App
C 3	12.2	43.6	17	US-10-801-114-275	Sequence 275, App
C 4	11.2	40.0	16	US-10-767-471-49746	Sequence 49746, A
C 5	11.2	40.0	17	PCT-US03-35876-234	Sequence 234, App
C 6	11.2	40.0	17	PCT-US03-25614-274	Sequence 274, App
C 7	11.2	40.0	17	US-10-708-951-36620	Sequence 36620, A
C 8	11.2	40.0	17	US-10-708-951-45386	Sequence 45386, A
C 9	10.4	37.1	13	US-10-257-017B-300881	Sequence 300881, A
C 10	10.4	37.1	13	US-10-257-017B-37735	Sequence 37735, A
C 11	10.4	37.1	13	US-10-257-017B-37736	Sequence 37736, A
C 12	10.2	36.4	15	US-10-708-951-18728	Sequence 18728, A
C 13	10.2	36.4	15	US-10-708-951-50493	Sequence 50493, A
C 14	9.8	35.0	13	US-10-257-017B-104485	Sequence 104485, A
C 15	9.8	35.0	13	US-10-257-017B-104486	Sequence 104486, A
C 16	9.8	35.0	13	US-10-257-017B-113203	Sequence 113203, A
C 17	9.8	35.0	13	US-10-257-017B-113204	Sequence 113204, A
C 18	9.8	35.0	13	US-10-257-017B-113207	Sequence 113207, A
C 19	9.8	35.0	13	US-10-257-017B-113208	Sequence 113208, A
C 20	9.8	35.0	13	US-10-257-017B-118025	Sequence 118025, A
C 21	9.8	35.0	13	US-10-257-017B-118026	Sequence 118026, A
C 22	9.8	35.0	13	US-10-257-017B-118027	Sequence 118027, A
C 23	9.8	35.0	13	US-10-257-017B-118028	Sequence 118028, A
C 24	9.8	35.0	13	US-10-257-017B-211973	Sequence 211973, A
C 25	9.8	35.0	13	US-10-257-017B-211974	Sequence 211974, A
C 26	9.8	35.0	13	US-10-257-017B-218769	Sequence 218769, A
C 27	9.8	35.0	13	US-10-257-017B-218770	Sequence 218770, A
C 28	9.8	35.0	13	US-10-708-951-23015	Sequence 23015, A
C 29	9.8	35.0	13	US-10-708-951-44513	Sequence 44513, A
C 30	9.4	33.6	12	US-10-257-017B-289495	Sequence 289495, A
C 31	9.4	33.6	12	US-10-257-017B-321794	Sequence 321794, A
C 32	9.4	33.6	12	US-10-257-017B-323349	Sequence 323349, A
C 33	9.4	33.6	12	US-10-257-017B-340417	Sequence 340417, A

C 34	9.4	33.6	12	US-10-257-017B-354020	Sequence 354020, A
C 35	9.4	33.6	13	US-10-257-017B-18279	Sequence 18279, A
C 36	9.4	33.6	13	US-10-257-017B-18280	Sequence 18280, A
C 37	9.4	33.6	13	US-10-257-017B-51415	Sequence 51415, A
C 38	9.4	33.6	13	US-10-257-017B-51416	Sequence 51416, A
C 39	9.4	33.6	13	US-10-257-017B-54467	Sequence 54467, A
C 40	9.4	33.6	13	US-10-257-017B-54468	Sequence 54468, A
C 41	9.4	33.6	13	US-10-257-017B-62123	Sequence 62123, A
C 42	9.4	33.6	13	US-10-257-017B-62124	Sequence 62124, A
C 43	9.4	33.6	13	US-10-257-017B-65441	Sequence 65441, A
C 44	9.4	33.6	13	US-10-257-017B-69542	Sequence 69542, A
C 45	9.4	33.6	13	US-10-257-017B-119279	Sequence 119279, A
C 46	9.4	33.6	13	US-10-257-017B-119280	Sequence 119280, A
C 47	9.4	33.6	13	US-10-257-017B-125733	Sequence 125733, A
C 48	9.4	33.6	13	US-10-257-017B-125734	Sequence 125734, A
C 49	9.4	33.6	13	US-10-257-017B-144691	Sequence 144691, A
C 50	9.4	33.6	13	US-10-257-017B-144692	Sequence 144692, A
C 51	9.4	33.6	13	US-10-257-017B-163813	Sequence 163813, A
C 52	9.4	33.6	13	US-10-257-017B-163814	Sequence 163814, A
C 53	9.4	33.6	13	US-10-257-017B-171703	Sequence 171703, A
C 54	9.4	33.6	13	US-10-257-017B-171704	Sequence 171704, A
C 55	9.4	33.6	13	US-10-257-017B-201255	Sequence 201255, A
C 56	9.4	33.6	13	US-10-257-017B-201256	Sequence 201256, A
C 57	9.4	33.6	13	US-10-257-017B-207243	Sequence 207243, A
C 58	9.4	33.6	13	US-10-257-017B-207244	Sequence 207244, A
C 59	9.4	33.6	13	US-10-257-017B-242635	Sequence 242635, A
C 60	9.4	33.6	13	US-10-257-017B-242636	Sequence 242636, A
C 61	9.4	33.6	13	US-10-257-017B-242813	Sequence 242813, A
C 62	9.4	33.6	13	US-10-257-017B-242814	Sequence 242814, A
C 63	9.4	33.6	13	US-10-257-017B-247529	Sequence 247529, A
C 64	9.4	33.6	13	US-10-257-017B-247530	Sequence 247530, A
C 65	9.2	32.9	14	US-10-708-951-18897	Sequence 18897, A
C 66	9.2	32.9	14	US-10-708-951-41070	Sequence 41070, A
C 67	9	32.1	12	US-10-257-017B-273569	Sequence 273569, A
C 68	9	32.1	13	US-10-257-017B-24117	Sequence 24117, A
C 69	9	32.1	13	US-10-257-017B-24118	Sequence 24118, A
C 70	9	32.1	13	US-10-257-017B-90253	Sequence 90253, A
C 71	9	32.1	13	US-10-257-017B-90254	Sequence 90254, A
C 72	9	32.1	21	US-10-770-726-3802	Sequence 3802, Ap
C 73	8.8	31.4	12	US-10-257-017B-270959	Sequence 270959, A
C 74	8.8	31.4	12	US-10-257-017B-271278	Sequence 271278, A
C 75	8.8	31.4	12	US-10-257-017B-271875	Sequence 271875, A
C 76	8.8	31.4	12	US-10-257-017B-272433	Sequence 272433, A
C 77	8.8	31.4	12	US-10-257-017B-273568	Sequence 273568, A
C 78	8.8	31.4	12	US-10-257-017B-273571	Sequence 273571, A
C 79	8.8	31.4	12	US-10-257-017B-275449	Sequence 275449, A
C 80	8.8	31.4	12	US-10-257-017B-279184	Sequence 279184, A
C 81	8.8	31.4	12	US-10-257-017B-281949	Sequence 281949, A
C 82	8.8	31.4	12	US-10-257-017B-282227	Sequence 282227, A
C 83	8.8	31.4	12	US-10-257-017B-284546	Sequence 284546, A
C 84	8.8	31.4	12	US-10-257-017B-299787	Sequence 299787, A
C 85	8.8	31.4	12	US-10-257-017B-300066	Sequence 300066, A
C 86	8.8	31.4	12	US-10-257-017B-300068	Sequence 300068, A
C 87	8.8	31.4	12	US-10-257-017B-301687	Sequence 301687, A
C 88	8.8	31.4	12	US-10-257-017B-310827	Sequence 310827, A
C 89	8.8	31.4	12	US-10-257-017B-317152	Sequence 317152, A
C 90	8.8	31.4	12	US-10-257-017B-318372	Sequence 318372, A
C 91	8.8	31.4	12	US-10-257-017B-319794	Sequence 319794, A
C 92	8.8	31.4	12	US-10-257-017B-323347	Sequence 323347, A
C 93	8.8	31.4	12	US-10-257-017B-326894	Sequence 326894, A
C 94	8.8	31.4	12	US-10-257-017B-328296	Sequence 328296, A
C 95	8.8	31.4	12	US-10-257-017B-337428	Sequence 337428, A
C 96	8.8	31.4	12	US-10-257-017B-355917	Sequence 355917, A
C 97	8.8	31.4	12	US-10-257-017B-359076	Sequence 359076, A
C 98	8.8	31.4	12	US-10-257-017B-368695	Sequence 368695, A
C 99	8.8	31.4	12	US-10-257-017B-372616	Sequence 372616, A
C 100	8.8	31.4	12	US-10-257-017B-378750	Sequence 378750, A
C 101	8.8	31.4	13	US-10-257-017B-5007	Sequence 5007, Ap
C 102	8.8	31.4	13	US-10-257-017B-5008	Sequence 5008, Ap
C 103	8.8	31.4	13	US-10-257-017B-11977	Sequence 11977, A
C 104	8.8	31.4	13	US-10-257-017B-11978	Sequence 11978, A
C 105	8.8	31.4	13	US-10-257-017B-25973	Sequence 25973, A
C 106	8.8	31.4	13	US-10-257-017B-25974	Sequence 25974, A

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C 108	8.8	31.4	13	1	US-10-257-017B-37732	Sequence 37732, A	181	8.8	31.4	13	1	US-10-257-017B-230545	Sequence 230545, A
C 109	8.8	31.4	13	1	US-10-257-017B-37733	Sequence 37733, A	182	8.8	31.4	13	1	US-10-257-017B-230546	Sequence 230546, A
C 110	8.8	31.4	13	1	US-10-257-017B-37737	Sequence 37737, A	183	8.8	31.4	13	1	US-10-257-017B-230559	Sequence 230559, A
C 111	8.8	31.4	13	1	US-10-257-017B-37741	Sequence 37741, A	184	8.8	31.4	13	1	US-10-257-017B-230560	Sequence 230560, A
C 112	8.8	31.4	13	1	US-10-257-017B-37742	Sequence 37742, A	185	8.8	31.4	13	1	US-10-257-017B-235405	Sequence 235405, A
C 113	8.8	31.4	13	1	US-10-257-017B-37821	Sequence 37821, A	186	8.8	31.4	13	1	US-10-257-017B-235406	Sequence 235406, A
C 114	8.8	31.4	13	1	US-10-257-017B-37822	Sequence 37822, A	187	8.8	31.4	13	1	US-10-257-017B-237085	Sequence 237085, A
C 115	8.8	31.4	13	1	US-10-257-017B-43407	Sequence 43407, A	188	8.8	31.4	13	1	US-10-257-017B-237086	Sequence 237086, A
C 116	8.8	31.4	13	1	US-10-257-017B-43408	Sequence 43408, A	189	8.8	31.4	13	1	US-10-257-017B-243755	Sequence 243755, A
C 117	8.8	31.4	13	1	US-10-257-017B-49821	Sequence 49821, A	190	8.8	31.4	13	1	US-10-257-017B-243756	Sequence 243756, A
C 118	8.8	31.4	13	1	US-10-257-017B-49822	Sequence 49822, A	191	8.8	31.4	13	1	US-10-257-017B-248397	Sequence 248397, A
C 119	8.8	31.4	13	1	US-10-257-017B-50885	Sequence 50885, A	192	8.8	31.4	13	1	US-10-257-017B-248398	Sequence 248398, A
C 120	8.8	31.4	13	1	US-10-257-017B-50886	Sequence 50886, A	193	8.8	31.4	13	1	US-10-257-017B-264039	Sequence 264039, A
C 121	8.8	31.4	13	1	US-10-257-017B-56503	Sequence 56503, A	194	8.8	31.4	13	1	US-10-257-017B-264040	Sequence 264040, A
C 122	8.8	31.4	13	1	US-10-257-017B-56504	Sequence 56504, A	195	8.8	31.4	13	1	US-10-257-017B-265541	Sequence 265541, A
C 123	8.8	31.4	13	1	US-10-257-017B-57889	Sequence 57889, A	196	8.8	31.4	13	1	US-10-257-017B-265542	Sequence 265542, A
C 124	8.8	31.4	13	1	US-10-257-017B-57890	Sequence 57890, A	197	8.8	31.4	13	1	US-10-708-951-18986	Sequence 18986, A
C 125	8.8	31.4	13	1	US-10-257-017B-59517	Sequence 59517, A	198	8.8	31.4	13	1	US-10-708-951-20084	Sequence 20084, A
C 126	8.8	31.4	13	1	US-10-257-017B-59518	Sequence 59518, A	199	8.8	31.4	13	1	US-10-708-951-46287	Sequence 46287, A
C 127	8.8	31.4	13	1	US-10-257-017B-60715	Sequence 60715, A	200	8.8	31.4	13	1	US-10-708-951-47407	Sequence 47407, A
C 128	8.8	31.4	13	1	US-10-257-017B-60716	Sequence 60716, A	201	8.6	30.7	13	1	US-10-257-017B-1623	Sequence 1623, Ap
C 129	8.8	31.4	13	1	US-10-257-017B-60717	Sequence 60717, A	202	8.6	30.7	13	1	US-10-257-017B-1624	Sequence 1624, Ap
C 130	8.8	31.4	13	1	US-10-257-017B-60718	Sequence 60718, A	203	8.6	30.7	13	1	US-10-257-017B-9229	Sequence 9229, Ap
C 131	8.8	31.4	13	1	US-10-257-017B-62985	Sequence 62985, A	204	8.6	30.7	13	1	US-10-257-017B-9230	Sequence 9230, Ap
C 132	8.8	31.4	13	1	US-10-257-017B-62986	Sequence 62986, A	205	8.6	30.7	13	1	US-10-257-017B-35501	Sequence 35501, A
C 133	8.8	31.4	13	1	US-10-257-017B-62987	Sequence 62987, A	206	8.6	30.7	13	1	US-10-257-017B-35502	Sequence 35502, A
C 134	8.8	31.4	13	1	US-10-257-017B-62988	Sequence 62988, A	207	8.6	30.7	13	1	US-10-257-017B-61881	Sequence 61881, A
C 135	8.8	31.4	13	1	US-10-257-017B-64873	Sequence 64873, A	208	8.6	30.7	13	1	US-10-257-017B-61882	Sequence 61882, A
C 136	8.8	31.4	13	1	US-10-257-017B-64874	Sequence 64874, A	209	8.6	30.7	13	1	US-10-257-017B-120733	Sequence 120733, A
C 137	8.8	31.4	13	1	US-10-257-017B-64875	Sequence 64875, A	210	8.6	30.7	13	1	US-10-257-017B-130734	Sequence 120734, A
C 138	8.8	31.4	13	1	US-10-257-017B-64876	Sequence 64876, A	211	8.6	30.7	13	1	US-10-257-017B-127731	Sequence 127731, A
C 139	8.8	31.4	13	1	US-10-257-017B-76153	Sequence 76153, A	212	8.6	30.7	13	1	US-10-257-017B-184327	Sequence 184327, A
C 140	8.8	31.4	13	1	US-10-257-017B-76154	Sequence 76154, A	213	8.6	30.7	13	1	US-10-257-017B-184328	Sequence 184328, A
C 141	8.8	31.4	13	1	US-10-257-017B-85943	Sequence 85943, A	214	8.6	30.7	13	1	US-10-257-017B-184328	Sequence 184328, A
C 142	8.8	31.4	13	1	US-10-257-017B-85944	Sequence 85944, A	215	8.6	30.7	13	1	US-10-257-017B-195259	Sequence 195259, A
C 143	8.8	31.4	13	1	US-10-257-017B-120033	Sequence 120033, A	216	8.6	30.7	13	1	US-10-257-017B-195260	Sequence 195260, A
C 144	8.8	31.4	13	1	US-10-257-017B-120034	Sequence 120034, A	217	8.6	30.7	13	1	US-10-257-017B-201249	Sequence 201249, A
C 145	8.8	31.4	13	1	US-10-257-017B-121567	Sequence 121567, A	218	8.6	30.7	13	1	US-10-257-017B-201250	Sequence 201250, A
C 146	8.8	31.4	13	1	US-10-257-017B-121568	Sequence 121568, A	219	8.6	30.7	13	1	US-10-257-017B-264339	Sequence 264339, A
C 147	8.8	31.4	13	1	US-10-257-017B-136725	Sequence 136725, A	220	8.6	30.7	13	1	US-10-257-017B-264340	Sequence 264340, A
C 148	8.8	31.4	13	1	US-10-257-017B-136726	Sequence 136726, A	221	8.4	30.0	10	1	PCT-US03-25614-123	Sequence 123, App
C 149	8.8	31.4	13	1	US-10-257-017B-136727	Sequence 136727, A	222	8.4	30.0	10	1	PCT-US03-25614-220	Sequence 220, App
C 150	8.8	31.4	13	1	US-10-257-017B-136728	Sequence 136728, A	223	8.4	30.0	10	1	PCT-US03-25614-766	Sequence 766, App
C 151	8.8	31.4	13	1	US-10-257-017B-140371	Sequence 140371, A	224	8.4	30.0	10	1	US-10-708-951-31338	Sequence 31338, A
C 152	8.8	31.4	13	1	US-10-257-017B-140372	Sequence 140372, A	225	8.4	30.0	11	1	US-10-708-951-49226	Sequence 49226, A
C 153	8.8	31.4	13	1	US-10-257-017B-159319	Sequence 159319, A	226	8.4	30.0	11	1	US-10-708-951-49226	Sequence 4, Appli
C 154	8.8	31.4	13	1	US-10-257-017B-159320	Sequence 159320, A	227	8.4	30.0	12	1	US-10-451-323-4	Sequence 271313, A
C 155	8.8	31.4	13	1	US-10-257-017B-160513	Sequence 160513, A	228	8.4	30.0	12	1	US-10-257-017B-273943	Sequence 273943, A
C 156	8.8	31.4	13	1	US-10-257-017B-160514	Sequence 160514, A	229	8.4	30.0	12	1	US-10-257-017B-274507	Sequence 274507, A
C 157	8.8	31.4	13	1	US-10-257-017B-160515	Sequence 160515, A	230	8.4	30.0	12	1	US-10-257-017B-274507	Sequence 274507, A
C 158	8.8	31.4	13	1	US-10-257-017B-160516	Sequence 160516, A	231	8.4	30.0	12	1	US-10-257-017B-279172	Sequence 279172, A
C 159	8.8	31.4	13	1	US-10-257-017B-174649	Sequence 174649, A	232	8.4	30.0	12	1	US-10-257-017B-279172	Sequence 279172, A
C 160	8.8	31.4	13	1	US-10-257-017B-174650	Sequence 174650, A	233	8.4	30.0	12	1	US-10-257-017B-285333	Sequence 285333, A
C 161	8.8	31.4	13	1	US-10-257-017B-177237	Sequence 177237, A	234	8.4	30.0	12	1	US-10-257-017B-285335	Sequence 285335, A
C 162	8.8	31.4	13	1	US-10-257-017B-177238	Sequence 177238, A	235	8.4	30.0	12	1	US-10-257-017B-287299	Sequence 287299, A
C 163	8.8	31.4	13	1	US-10-257-017B-182915	Sequence 182915, A	236	8.4	30.0	12	1	US-10-257-017B-294716	Sequence 294716, A
C 164	8.8	31.4	13	1	US-10-257-017B-182916	Sequence 182916, A	237	8.4	30.0	12	1	US-10-257-017B-298127	Sequence 298127, A
C 165	8.8	31.4	13	1	US-10-257-017B-187821	Sequence 187821, A	238	8.4	30.0	12	1	US-10-257-017B-306328	Sequence 306328, A
C 166	8.8	31.4	13	1	US-10-257-017B-187822	Sequence 187822, A	239	8.4	30.0	12	1	US-10-257-017B-306922	Sequence 306922, A
C 167	8.8	31.4	13	1	US-10-257-017B-187823	Sequence 187823, A	240	8.4	30.0	12	1	US-10-257-017B-307001	Sequence 307001, A
C 168	8.8	31.4	13	1	US-10-257-017B-187824	Sequence 187824, A	241	8.4	30.0	12	1	US-10-257-017B-310678	Sequence 310678, A
C 169	8.8	31.4	13	1	US-10-257-017B-187825	Sequence 187825, A	242	8.4	30.0	12	1	US-10-257-017B-316249	Sequence 316249, A
C 170	8.8	31.4	13	1	US-10-257-017B-187826	Sequence 187826, A	243	8.4	30.0	12	1	US-10-257-017B-322664	Sequence 322664, A
C 171	8.8	31.4	13	1	US-10-257-017B-189995	Sequence 189995, A	244	8.4	30.0	12	1	US-10-257-017B-322883	Sequence 322883, A
C 172	8.8	31.4	13	1	US-10-257-017B-189996	Sequence 189996, A	245	8.4	30.0	12	1	US-10-257-017B-324364	Sequence 324364, A
C 173	8.8	31.4	13	1	US-10-257-017B-191299	Sequence 191299, A	246	8.4	30.0	12	1	US-10-257-017B-325195	Sequence 325195, A
C 174	8.8	31.4	13	1	US-10-257-017B-191300	Sequence 191300, A	247	8.4	30.0	12	1	US-10-257-017B-325781	Sequence 325781, A
C 175	8.8	31.4	13	1	US-10-257-017B-197833	Sequence 197833, A	248	8.4	30.0	12	1	US-10-257-017B-330044	Sequence 330044, A
C 176	8.8	31.4	13	1	US-10-257-017B-197834	Sequence 197834, A	249	8.4	30.0	12	1	US-10-257-017B-335793	Sequence 335793, A
C 177	8.8	31.4	13	1	US-10-257-017B-211971	Sequence 211971, A	250	8.4	30.0	12	1	US-10-257-017B-337211	Sequence 337211, A
C 178	8.8	31.4	13	1	US-10-257-017B-211972	Sequence 211972, A	251	8.4	30.0	12	1	US-10-257-017B-351656	Sequence 351656, A
C 179	8.8	31.4	13	1	US-10-257-017B-213907	Sequence 213907, A	252	8.4	30.0	12	1	US-10-257-017B-363481	Sequence 363481, A

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OM nucleic - nucleic search, using sw model

Run on: April 19, 2004, 15:52:36 ; Search time 0.001 Seconds
(without alignments)
302.960 Million cell updates/sec

Title: US-10-024-396-3-COPY

Perfect score: 28

Sequence: 1 cgggcccacgtgtacagggagtcagg 28

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 436 seqs, 5410 residues

Total number of hits satisfying chosen parameters: 872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 448 summaries

Database : pndb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	14.4	51.4	21	1	US-10-770-726-3802
C 2	14.2	50.7	19	1	Sequence 3802, Ap
C 3	12.2	43.6	17	1	Sequence 201, App
C 4	11.2	40.0	16	1	Sequence 275, App
C 5	11.2	40.0	17	1	Sequence 49746, A
C 6	11.2	40.0	17	1	Sequence 49746, A
C 7	11.2	40.0	17	1	Sequence 234, App
C 8	11.2	40.0	17	1	Sequence 274, App
C 9	10.4	37.1	13	1	Sequence 36620, A
C 10	10.4	37.1	13	1	Sequence 49386, A
C 11	10.4	37.1	13	1	Sequence 300881, A
C 12	10.2	36.4	13	1	Sequence 37736, A
C 13	10.2	36.4	13	1	Sequence 18736, A
C 14	9.8	35.0	13	1	Sequence 50493, A
C 15	9.8	35.0	13	1	Sequence 104485, A
C 16	9.8	35.0	13	1	Sequence 104486, A
C 17	9.8	35.0	13	1	Sequence 113203, A
C 18	9.8	35.0	13	1	Sequence 113204, A
C 19	9.8	35.0	13	1	Sequence 113207, A
C 20	9.8	35.0	13	1	Sequence 113208, A
C 21	9.8	35.0	13	1	Sequence 118025, A
C 22	9.8	35.0	13	1	Sequence 118026, A
C 23	9.8	35.0	13	1	Sequence 118027, A
C 24	9.8	35.0	13	1	Sequence 118028, A
C 25	9.8	35.0	13	1	Sequence 211973, A
C 26	9.8	35.0	13	1	Sequence 211974, A
C 27	9.8	35.0	13	1	Sequence 218769, A
C 28	9.8	35.0	13	1	Sequence 218770, A
C 29	9.8	35.0	13	1	Sequence 22015, A
C 30	9.4	33.6	12	1	Sequence 44513, A
C 31	9.4	33.6	12	1	Sequence 289495, A
C 32	9.4	33.6	12	1	Sequence 321794, A
C 33	9.4	33.6	12	1	Sequence 323349, A
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C 37	9.4	33.6	13	1	US-10-257-017B-51415
C 38	9.4	33.6	13	1	US-10-257-017B-51416
C 39	9.4	33.6	13	1	US-10-257-017B-54467
C 40	9.4	33.6	13	1	US-10-257-017B-54468
C 41	9.4	33.6	13	1	US-10-257-017B-62123
C 42	9.4	33.6	13	1	US-10-257-017B-62124
C 43	9.4	33.6	13	1	US-10-257-017B-69541
C 44	9.4	33.6	13	1	US-10-257-017B-69542
C 45	9.4	33.6	13	1	US-10-257-017B-119279
C 46	9.4	33.6	13	1	US-10-257-017B-119280
C 47	9.4	33.6	13	1	US-10-257-017B-125733
C 48	9.4	33.6	13	1	US-10-257-017B-125734
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C 52	9.4	33.6	13	1	US-10-257-017B-163814
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ALIGNMENTS

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RESULT 1
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; Sequence 3802, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
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US-10-770-726-3802
Query Match 51.4%; Score 14.4; DB 1; Length 21;
Best Local Similarity 53.8%; Pred. No. 13;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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RESULT 2
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; Sequence 203, Application US/10697527
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: MICROSATELLITE MARKERS FOR PLANTS OF THE SPECIES TRITICUM AESTIV
; TITLE OF INVENTION: GENUS TRITICEAE AND THE USE OF SAID MARKERS
; FILE REFERENCE: US 08/983,605
; CURRENT APPLICATION NUMBER: US/10/697,527
; CURRENT FILING DATE: 2003-10-30
; PRIOR APPLICATION NUMBER: PCT/DE95/01185
; PRIOR FILING DATE: 1996-06-27
; PRIOR APPLICATION NUMBER: DE 195 25 284.5
; PRIOR FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum sp.
US-10-697-527-203

Query Match 50.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 11;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 GCCCTACGTGTACAGGAG 22
|||||
DB 19 GCCTTAGCGGTACAGGAG 1

RESULT 3
US-10-807-114-275
; Sequence 275, Application US/10807114
; GENERAL INFORMATION:
; APPLICANT: Lymanichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/10/807,114
; CURRENT FILING DATE: 2004-03-23
; PRIOR APPLICATION NUMBER: US/09/882,945
; PRIOR FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 275
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-807-114-275

Query Match 43.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 32;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GGGCCCTACGTGTACAG 18
|||||
```

```
Db 1 GGACCTATGTCTACAG 17

RESULT 4
US-10-767-471-49746/c
; Sequence 49746, Application US/10767471
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: RHEUMATOID ARTHRITIS, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001505
; CURRENT APPLICATION NUMBER: US/10/767,471
; CURRENT FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 50231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49746
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-767-471-49746

Query Match 40.0%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 53;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGAGTCCAGG 28
Db 16 GTACAGGAGTCCAGG 1

RESULT 5
PCT-US03-35876-234
; Sequence 234, Application PC/TUS0335876
; GENERAL INFORMATION:
; APPLICANT: Sequenom, Inc.
; APPLICANT: Roth, Richard B.
; APPLICANT: Nelson, Matthew Roberts
; APPLICANT: Braun, Andreas
; APPLICANT: Kammerer, Stefan M.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF MELANOMA
; TITLE OF INVENTION: AND TREATMENTS THEREOF
; FILE REFERENCE: 524592006140
; CURRENT APPLICATION NUMBER: PCT/US03/35876
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 60/424,475
; PRIOR FILING DATE: 2002-11-06
; PRIOR APPLICATION NUMBER: US 60/489,703
; PRIOR FILING DATE: 2003-07-23
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 234
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
PCT-US03-35876-234

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGAGTCCAGG 28
Db 1 GTACTGGATTACAGG 16

RESULT 6
PCT-US03-25614-274
; Sequence 274, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University

Db 1 GGACCTATGTCTACAG 17

TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-274

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 8 TACGTGTACAGGAGT 23
Db 2 TAAGTGTACTGGAAGT 17

RESULT 7
US-10-708-951-36620/c
; Sequence 36620, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36620
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-36620

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 13 GTACAGGAGTCCAGG 28
Db 16 GNACAGGTAGACCAGG 1

RESULT 8
US-10-708-951-49386/c
; Sequence 49386, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49386
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49386

Query Match 40.0%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 62;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```



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QY 13 CTACAGGAGTCCAGG 28
Db 16 GAACAGGTAGACAGG 1

RESULT 9
US-10-257-017B-300881/c
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300881
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-300881

Query Match 37.1%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 42;
Matches 11; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 12 TGTACAGGGAGT 1

RESULT 10
US-10-257-017B-37735
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37735
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37735

Query Match 37.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 52;
Matches 11; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 2 TACGTGTATAGG 13

RESULT 11
US-10-257-017B-37736/c
; Sequence 37736, Application US/10257017B

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
TITLE OF INVENTION: methylation
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 37736
LENGTH: 13
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37736

Query Match 37.1%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 52;
Matches 11; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

QY 8 TACGTGTACAGG 19
Db 12 TACGTGTATAGG 1

RESULT 12
US-10-708-951-18728/c
; Sequence 18728, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18728
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-18728

Query Match 36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 87;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGGTGTACAGGGAGTC 24
Db 15 CATGTACAGTAAGTC 1

RESULT 13
US-10-708-951-50493/c
; Sequence 50493, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 50493
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-50493
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Query Match      36.4%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 87;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 10 CGGTACAGGAGTC 24
Db 15 CATGTACAGTAAATC 1

RESULT 14
US-10-257-017B-104485/c
; Sequence 104485, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 104485
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0026121
US-10-257-017B-104485

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCTACGTTTACA 17
Db 13 CCTACGTTTACA 1

RESULT 15
US-10-257-017B-104486
; Sequence 104486, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 104486
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0026121
US-10-257-017B-104486

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCTACGTTTACA 17
Db 13 CCTACGTTTACA 13

RESULT 16
US-10-257-017B-113203/c
; Sequence 113203, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113203
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113203

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCTACGTTTACA 17
Db 13 CCTACGTTTACA 1

RESULT 17
US-10-257-017B-113204
; Sequence 113204, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113204
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113204

Query Match      35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCTACGTTTACA 17
Db 13 CCTACGTTTACA 13

RESULT 18
US-10-257-017B-113207/c
; Sequence 113207, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

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; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113207
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113207

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17
| | | | | | | | | | | | |
Db 13 CCCGACGCTCTACA 1

RESULT 19
US-10-257-017B-113208
; Sequence 113208, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 113208
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0028340
US-10-257-017B-113208

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17
| | | | | | | | | | | | |
Db 13 CCCGACGCTCTACA 13

RESULT 20
US-10-257-017B-118025/c
; Sequence 118025, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118025
; LENGTH: 13

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118025

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17
| | | | | | | | | | | | |
Db 13 CCCACTTCTTACA 1

RESULT 21
US-10-257-017B-118026
; Sequence 118026, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118026
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118026

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGTACA 17
| | | | | | | | | | | | |
Db 13 CCCACTTCTTACA 13

RESULT 22
US-10-257-017B-118027/c
; Sequence 118027, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118027
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118027

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```
QY 5 CCCTACGTGTACA 17
Db 13 CCCTACCTCTACA 1

RESULT 23
US-10-257-017B-118028
; Sequence 118028, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118028
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118028

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTGTACA 17
Db 1 CCCTACCTCTACA 13

RESULT 24
US-10-257-017B-211973
; Sequence 211973, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211973

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGTGTACAGGGAG 22
Db 1 CGTGTGCGGGAG 13

RESULT 25
US-10-257-017B-211974/c
; Sequence 211974, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211974
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211974

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGTGTACAGGGAG 22
Db 13 CCCTACGTGTAAA 1

RESULT 26
US-10-257-017B-218769/c
; Sequence 218769, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 218769
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053208
US-10-257-017B-218769

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTGTACA 17
Db 13 CCCTACGTGTAAA 1

RESULT 27
US-10-257-017B-218770
; Sequence 218770, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 218770
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0053208
US-10-257-017B-218770

Query Match 35.0%; Score 9.8; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 78;
Matches 11; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323349
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323349

Query Match      33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5 CCCTACGTGTA 15
Db 11 CCCTACGCGTA 1

RESULT 33
US-10-257-017B-340417
; Sequence 340417, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 340417
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide-Primer
US-10-257-017B-340417

Query Match      33.6%; Score 9.4; DB 1; Length 12;
Best Local Similarity 90.9%; Pred. No. 82;
Matches 10; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

QY 5 CCCTACGTGTA 15
Db 1 CCCTACGTTTA 11

RESULT 34
US-10-257-017B-354020/c
; Sequence 354020, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354020
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0003884
US-10-257-017B-18279
; Sequence 18279, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 18279
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0003884
US-10-257-017B-18279

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
Db 3 TACGTGTATAG 13

RESULT 36
US-10-257-017B-18280/c
; Sequence 18280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 18280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0003884
US-10-257-017B-18280

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      8 TACCTGTACAG 18
Db      11 TACGTGTATAG 1

RESULT 37
US-10-257-017B-51415
; Sequence 51415, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51415
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014352
US-10-257-017B-51415
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      2 GTATAGGGAGT 12

RESULT 38
US-10-257-017B-51416/c
; Sequence 51416, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 51416
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014352
US-10-257-017B-51416
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      12 GTATAGGGAGT 2

RESULT 39
US-10-257-017B-54467/c
; Sequence 54467, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54467
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014930
US-10-257-017B-54467
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCTACGTGTAC 16
Db      13 RCCTACGTATTC 1

RESULT 40
US-10-257-017B-54468
; Sequence 54468, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 54468
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014930
US-10-257-017B-54468
Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCTACGTGTAC 16
Db      1 RCCTACGTATTC 13

RESULT 41
US-10-257-017B-62123/c
; Sequence 62123, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
```

```
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 62123
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016499
US-10-257-017B-62123

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      5 CCTACGTGTA 15
Db      12 CCTACGTATA 2

RESULT 42
US-10-257-017B-62124
/ Sequence 62124, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2000-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 62124
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016499
US-10-257-017B-62124

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      5 CCTACGTGTA 15
Db      2 CCTACGTATA 12

RESULT 43
US-10-257-017B-69541/c
/ Sequence 69541, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 69541
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018095
US-10-257-017B-69542

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      5 CCTACGTGTA 15
Db      1 CCTACGTCTA 11

RESULT 44
US-10-257-017B-69542
/ Sequence 69542, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 69542
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018095
US-10-257-017B-69542

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      5 CCTACGTGTA 15
Db      1 CCTACGTCTA 11

RESULT 45
US-10-257-017B-119279/c
/ Sequence 119279, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 119279
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119279

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      7 CTACGTGTACA 17
Db      11 CTACGTTTACA 1
```



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RESULT 46
US-10-257-017B-119280
; Sequence 119280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119280
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGGTGATCA 17
|||||
Db 3 CTACGGTTTACA 13

RESULT 47
US-10-257-017B-125733
; Sequence 125733, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 125733
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031438
US-10-257-017B-125733
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
|||||
Db 1 TGTATTGGAGTY 13

RESULT 48
US-10-257-017B-125734/C
; Sequence 125734, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 125734
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031438
US-10-257-017B-125734
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
|||||
Db 1 TGTATTGGAGTY 13

RESULT 49
US-10-257-017B-144691/C
; Sequence 144691, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144691
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144691
Query Match 33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 7 CTACGGTGATCA 17
|||||
Db 11 CTACGGTTTACA 1

RESULT 50
US-10-257-017B-144692
; Sequence 144692, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144692
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144692

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  7 CTACGTGTACA 17
    |||||
Db   3 CTACGTCTACA 13

RESULT 51
US-10-257-017B-163813/c
; Sequence 163813, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 163813
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041149
US-10-257-017B-163813

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  6 CCTACGTGTAC 16
    |||||
Db  12 CCTACGTCTAC 2

RESULT 52
US-10-257-017B-163814
; Sequence 163814, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 163814
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0041149
US-10-257-017B-163814

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  6 CCTACGTGTAC 16
    |||||
Db  12 CCTACGTCTAC 2

RESULT 53
US-10-257-017B-171703
; Sequence 171703, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 171703
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042797
US-10-257-017B-171703

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  18 GGGAGTCCAGG 28
    |||||
Db   2 GGGAGTCGAGG 12

RESULT 54
US-10-257-017B-171704/c
; Sequence 171704, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 171704
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0042797
US-10-257-017B-171704

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  18 GGGAGTCCAGG 28
    |||||
Db  12 GGGAGTCGAGG 2

RESULT 55
US-10-257-017B-201255/c
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; Sequence 201255, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201255
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201255

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      6 CCTACGTGTAC 16
DB      11 CCTACGTATAC 1

RESULT 56
US-10-257-017B-201256
; Sequence 201256, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201256
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201256

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 1; Gaps 0;

QY      6 CCTACGTGTAC 16
DB      3 CCTACGTATAC 13

RESULT 57
US-10-257-017B-207243
; Sequence 207243, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 207243
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0007000
US-10-257-017B-207243

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGTC 24
DB      1 TGTAGGGGGAGTY 13

RESULT 58
US-10-257-017B-207244/c
; Sequence 207244, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 207244
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0007000
US-10-257-017B-207244

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGTC 24
DB      13 TGTAGGGGGAGTY 1

RESULT 59
US-10-257-017B-242635/c
; Sequence 242635, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242635
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

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; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059191
US-10-257-017B-242835

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 CCTACGCTGATAC 16
Db      12 CCTACGCTATAC 2

RESULT 60
US-10-257-017B-242636
; Sequence 242636, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242636
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059191
US-10-257-017B-242636

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 1e+02;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      6 CCTACGCTGATAC 16
Db      2 CCTACGCTATAC 12

RESULT 61
US-10-257-017B-242813/c
; Sequence 242813, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242813
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242813

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCTACGCTGATAC 16
Db      12 TGTCACGGGAGTC 24
Db      1 TGTGTAGGAGCTY 13

RESULT 62
US-10-257-017B-242814
; Sequence 242814, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 242814
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059260
US-10-257-017B-242814

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      4 GCCTACGCTGATAC 16
Db      1 RCCCTACTATATAC 13

RESULT 63
US-10-257-017B-247529
; Sequence 247529, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 247529
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060486
US-10-257-017B-247529

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 76.9%; Pred. No. 1e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTCACGGGAGTC 24
Db      1 TGTGTAGGAGCTY 13

RESULT 64
US-10-257-017B-247530/c
; Sequence 247530, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
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; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 247530
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060486
US-10-257-017B-247530

Query Match      33.6%; Score 9.4; DB 1; Length 13;
Best Local Similarity 78.9%; Pred. No. 1.e+02;
Matches 10; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAGTC 24
Db 13 TGTGTAGGAGTCT 1

RESULT 65
US-10-708-951-18897/c
; Sequence 18897, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18897
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-18897

Query Match      32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CCGTACAGGGAGT 23
Db 14 CATGTACAGTAAGT 1

RESULT 66
US-10-708-951-41070/c
; Sequence 41070, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41070
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41070

Query Match      32.9%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
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Matches 11; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CCGTACAGGGAGT 23
Db 14 CATGTACAGTAAGT 1

RESULT 67
US-10-257-017B-273569
; Sequence 273569, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosir
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273569
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273569

Query Match      32.1%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
Db 3 TACGTGTAC 11

RESULT 68
US-10-257-017B-24117
; Sequence 24117, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosir
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 24117
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005613
US-10-257-017B-24117

Query Match      32.1%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
Db 1 TACGTGTAC 9

RESULT 69
US-10-257-017B-24118/c
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; Sequence 24118, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 24118
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005613
US-10-257-017B-24118

Query Match      32.1%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
Db      13 TACGTGTAC 5

RESULT 70
US-10-257-017B-90253
; Sequence 90253, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 90253
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0022616
US-10-257-017B-90253

Query Match      32.1%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
Db      13 TACGTGTAC 5

RESULT 71
US-10-257-017B-90254/c
; Sequence 90254, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270959
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002339
US-10-257-017B-270959/c

Query Match      32.1%; Score 9; DB 1; Length 21;
Best Local Similarity 47.1%; Pred. No. 3.4e+02;
Matches 8; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY      7 CTACGTGTACAGGAGT 23
Db      5 CUUCCUGUACACGUAAU 21

RESULT 72
US-10-770-726-3802
; Sequence 3802, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATI
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3802
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-770-726-3802

Query Match      32.1%; Score 9; DB 1; Length 21;
Best Local Similarity 47.1%; Pred. No. 3.4e+02;
Matches 8; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY      7 CTACGTGTACAGGAGT 23
Db      5 CUUCCUGUACACGUAAU 21

RESULT 73
US-10-257-017B-270959/c
; Sequence 270959, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosi
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270959
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002339
US-10-257-017B-270959
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGCT 23
DB      12 TGTATGGGAGCT 1

RESULT 74
US-10-257-017B-271278
; Sequence 271278, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271278
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSCC002450
US-10-257-017B-271278

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGGTGATCA 17
DB      1 CCTTCGTATACA 12

RESULT 75
US-10-257-017B-271875
; Sequence 271875, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271875
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSCC0002640
US-10-257-017B-271875

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGGTGATCA 17
DB      1 CCTACGATTACA 12

RESULT 76
US-10-257-017B-272433
; Sequence 272433, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 272433
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSCC0003234
US-10-257-017B-272433

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGGTGATCA 17
DB      1 CCTACATATACA 12

RESULT 77
US-10-257-017B-273568/c
; Sequence 273568, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273568
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSCC0003234
US-10-257-017B-273568

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGGTGATCA 17
DB      12 CATACCGGTACA 1

RESULT 78
US-10-257-017B-273571/c
; Sequence 273571, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273571
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSCC0003234
US-10-257-017B-273571/c
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; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273571
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273571

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGCGTACA 17
Db      12 CGTACGCGTACA 1

RESULT 79
US-10-257-017B-275449
; Sequence 275449, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 275449
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003897
US-10-257-017B-275449

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACGGGAGT 23
Db      1 TGTTTAGGGAGT 12

RESULT 80
US-10-257-017B-279184
; Sequence 279184, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279184
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007020
US-10-257-017B-279184

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGCGTACA 17
Db      1 CCTACGTTTAAA 12

RESULT 81
US-10-257-017B-281949/c
; Sequence 281949, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281949
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010190
US-10-257-017B-281949

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 AGGGAGTCCAGG 28
Db      12 AGGGAGTTAAGG 1

RESULT 82
US-10-257-017B-282227/c
; Sequence 282227, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 282227
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010599
US-10-257-017B-282227

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```


Qy	11	GTGTACAGGGAG	22	APPLICANT: Alexander Olek
				APPLICANT: Christian Piepenbrock
				APPLICANT: Kurt Berlin
Db	12	GTGTTTAGGGAG	1	TITLE OF INVENTION: Detection of
				TITLE OF INVENTION: methylations

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10: Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 86

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US-10-257-017B-300068
; Sequence 300068, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosin
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300068
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018951
US-10-257-017B-300068

```

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10: Conservative 0; Mismatches 2; Indels 0; Gaps 0

RESIT.T 87

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US-10-257-017B-301687
; Sequence 301687, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Beilin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPe] and cytosis
; TITLE OF INVENTION: methylations
; FILE REFERENCE: EOI/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8

```

Query Match 31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels

RESULT 85

RESOL 83
US-10-257-017B-300066
; Sequence 300066, Application US/10257017B
: GENERAL INFORMATION:

```
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011875
US-10-257-017B-284546
```

RESULT 84

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US-10-257-017B-299787
; Sequence 299787, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: EOI/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299787
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018744
US-10-257-017B-299787

```

Query Match	31.4%;	Score 8.8;	DB 1;	Length 12;
Best Local Similarity	83.3%;	Pred. NO. 1.2e+02;		
Matches 10:	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

RESULT 85

RESOL 83
US-10-257-017B-300066
; Sequence 300066, Application US/10257017B
: GENERAL INFORMATION:

```
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301687
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019610
US-10-257-017B-301687

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGGA 21
    |||||
Db 1 CGGTATTAGGGA 12

RESULT 88
US-10-257-017B-310827/c
; Sequence 310827, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310827
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024134
US-10-257-017B-310827

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GGTACAGGGAG 22
    |||||
Db 12 GTATATAGGAG 1

RESULT 89
US-10-257-017B-317152/c
; Sequence 317152, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 317152
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027831
US-10-257-017B-317152
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
    |||||
Db 12 TGTAGGGGGAGT 1

RESULT 90
US-10-257-017B-318372
; Sequence 318372, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318372
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028620
US-10-257-017B-318372
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
    |||||
Db 1 CCTACCTCTACA 12
```

```
RESULT 91
US-10-257-017B-319794
; Sequence 319794, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 319794
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029404
US-10-257-017B-319794
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGGAGTCCAGG 28
    |||||
Db 1 AGGGATTCCAGG 12
```

```
RESULT 92
US-10-257-017B-323347
; Sequence 323347, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323347
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323347

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      1 TACGTGTAGGG 12

RESULT 93
US-10-257-017B-326894/c
; Sequence 326894, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 326894
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033327
US-10-257-017B-326894

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGAG 22
Db      12 GTTTATAGGAG 1

RESULT 94
US-10-257-017B-328296
; Sequence 328296, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 355917
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039870
US-10-257-017B-355917

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      1 TGTAGAGAGT 12

RESULT 95
US-10-257-017B-337428
; Sequence 337428, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 337428
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039870
US-10-257-017B-337428

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      1 TGTAGAGAGT 12

RESULT 96
US-10-257-017B-355917
; Sequence 355917, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 355917
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034221
US-10-257-017B-328296

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      1 TGTAGAGAGT 12
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0049869
US-10-257-017B-355917

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db       1 TGTGAGGGAGT 12

RESULT 97
US-10-257-017B-359076/c
; Sequence 359076, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359076
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010484
US-10-257-017B-359076

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db       12 GTGTATTGGGAG 1

RESULT 98
US-10-257-017B-368695/c
; Sequence 368695, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 368695
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057163
US-10-257-017B-368695

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      12 TGTACAGGGAGT 23
Db       1 TGTAAAGGGAGT 1

RESULT 99
US-10-257-017B-372616/c
; Sequence 372616, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 372616
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0059501
US-10-257-017B-372616

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db       12 TGTATATGGAGT 1

RESULT 100
US-10-257-017B-378750
; Sequence 378750, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 378750
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062918
US-10-257-017B-378750

Query Match      31.4%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db       1 TGTAAAGGGAGT 12

RESULT 101
US-10-257-017B-5007/c
; Sequence 5007, Application US/10257017B
```

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 5007
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001738
US-10-257-017B-5007

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGATC 16
DB 12 CCTACGATTAC 1

RESULT 102
US-10-257-017B-5008
; Sequence 5008, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 5008
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001738
US-10-257-017B-5008

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGATC 16
DB 12 CCTACGATTAC 13

RESULT 103
US-10-257-017B-11977
; Sequence 11977, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006663
US-10-257-017B-25973/c

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAGG 28
DB 12 AGGAGTGTAGG 1

RESULT 105
US-10-257-017B-25973/c
; Sequence 25973, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25973
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002871
US-10-257-017B-11978

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAGG 28
DB 12 AGGAGTGTAGG 1

RESULT 104
US-10-257-017B-11978/c
; Sequence 11978, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 11978
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002871
US-10-257-017B-11978

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAGG 28
DB 12 AGGAGTGTAGG 1
```

US-10-257-017B-25973

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 CCTACGTTACAA 17
||| ||| ||| |||
Db 12 CCTACGTTAA 1

RESULT 106

US-10-257-017B-25974
; Sequence 25974, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 25974
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006663
US-10-257-017B-25974

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 CCTACGTTACAA 17
||| ||| ||| |||
Db 2 CCTACGTTAA 13

RESULT 107

US-10-257-017B-37731
; Sequence 37731, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37731
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37731

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 TACGTGTACAGG 19
||| ||| ||| |||
Db 2 TATGTGTATAGG 13

RESULT 108

US-10-257-017B-37732/c
; Sequence 37732, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37732
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37732

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 TACGTGTACAGG 19
||| ||| ||| |||
Db 12 TATGTGTATAGG 1

RESULT 109

US-10-257-017B-37737
; Sequence 37737, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37737
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37737

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 TACGTGTACAGG 19
||| ||| ||| |||
Db 2 TACGTATATAGG 13

RESULT 110

US-10-257-017B-37738/c
; Sequence 37738, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37738
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011735
US-10-257-017B-37738

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      12 TACGCTATAGG 1

RESULT 111
US-10-257-017B-37741
; Sequence 37741, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37741
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011747
US-10-257-017B-37821

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      1 TTTAGAGGAGT 12

RESULT 113
US-10-257-017B-37821
; Sequence 37821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011747
US-10-257-017B-37821

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAGT 23
Db      1 TTTAGAGGAGT 12

RESULT 114
US-10-257-017B-37822/c
; Sequence 37822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011747
US-10-257-017B-37822

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      2 TACGCTATAGG 13

RESULT 112
US-10-257-017B-37742/c
; Sequence 37742, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 37742
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Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 12 TGTACAGGGAGT 23
Db 13 TTTACAGGGAGT 2

RESULT 115
US-10-257-017B-43407
; Sequence 43407, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 43407
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012844
US-10-257-017B-43407

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 12 TGTACAGGGAGT 23
Db 1 TGTACAGGGAGT 12

RESULT 116
US-10-257-017B-43408/c
; Sequence 43408, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 43408
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012844
US-10-257-017B-43408

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 12 TGTACAGGGAGT 23
Db 13 TGTACAGGGAGT 2

RESULT 117
US-10-257-017B-49821/c
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; Sequence 49821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 49821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014053
US-10-257-017B-49821

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 6 CCTACGCGTACA 17
Db 12 CATACGCGTACA 1

RESULT 118
US-10-257-017B-49822
; Sequence 49822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 49822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014053
US-10-257-017B-49822

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 6 CCTACGCGTACA 17
Db 2 CATACGCGTACA 13

RESULT 119
US-10-257-017B-50885
; Sequence 50885, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```



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/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 50885
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014248
US-10-257-017B-50885

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 12 TGTCAGGGAGT 23
Db 1 TGTTTAGGGAGT 12

RESULT 120
US-10-257-017B-50886/c
/ Sequence 50886, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 50886
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014248
US-10-257-017B-50886

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 12 TGTCAGGGAGT 23
Db 13 TGTTTAGGGAGT 2

RESULT 121
US-10-257-017B-56503/c
/ Sequence 56503, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 56503
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015314
US-10-257-017B-56503

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTAC 16
Db 13 CACTACGTTTAC 2

RESULT 122
US-10-257-017B-56504
/ Sequence 56504, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 56504
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015314
US-10-257-017B-56504

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CCCTACGTGTAC 16
Db 1 CACTACGTTTAC 12

RESULT 123
US-10-257-017B-57889
/ Sequence 57889, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 57889
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015568
US-10-257-017B-57889

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 TACGTGTACAGG 19
Db 13 CACTACGTTTAC 12
```

```
Db      1  TAGGTGTAGATG 12

RESULT 124
US-10-257-017B-57890/c
; Sequence 57890, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 57890
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015568
US-10-257-017B-57890

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8  TAGGTGTAGG 19
         |||||
Db      13  TAGGTGTAGATG 2

RESULT 125
US-10-257-017B-59517
; Sequence 59517, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 59517
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015944
US-10-257-017B-59517

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGAGT 23
         |||||
Db      1  TATAAGGAGT 12

RESULT 126
US-10-257-017B-59518/c
; Sequence 59518, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 59518
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0015944
US-10-257-017B-59518

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGAGT 23
         |||||
Db      1  TATAAGGAGT 12

RESULT 127
US-10-257-017B-60715
; Sequence 60715, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60715
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60715

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11  GTGTACAGGAG 22
         |||||
Db      1  GTGTTTGGAG 12

RESULT 128
US-10-257-017B-60716/c
; Sequence 60716, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60716
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60716
```

```
; SEQ ID NO 60716
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60716

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      13 GGTTCGGGAG 2

RESULT 129
US-10-257-017B-60717
; Sequence 60717, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60717
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60717

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      13 GGTTCGGGAG 2

RESULT 130
US-10-257-017B-60718/c
; Sequence 60718, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 60718
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016198
US-10-257-017B-60718

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      13 GGTTCGGGAG 2

RESULT 131
US-10-257-017B-62985
; Sequence 62985, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62985
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62985

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      10 CGGTACAGGGA 21
Db      1 CGGTACAGGTA 12

RESULT 132
US-10-257-017B-62986/c
; Sequence 62986, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62986
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62986

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      10 CGGTACAGGGA 21
Db      13 CGGTACAGGTA 2

RESULT 133
US-10-257-017B-62986
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US-10-257-017B-62987
; Sequence 62987, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62987
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62987

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACACGGGA 21
Db 1 CGGTAAAGGTA 12

RESULT 134
US-10-257-017B-62988/c
; Sequence 62988, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62988
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016657
US-10-257-017B-62988

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACACGGGA 21
Db 13 CGGTAAAGGTA 2

RESULT 135
US-10-257-017B-64873
; Sequence 64873, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
```

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US-10-257-017B-62987
; Sequence 62987, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 62987
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64873

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GGTAGAGGGAG 13

RESULT 136
US-10-257-017B-64874/c
; Sequence 64874, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64874
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64874

Query Match          31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 12 GGTAGAGGGAG 1

RESULT 137
US-10-257-017B-64875
; Sequence 64875, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64875
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64875

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      2 GGGTATAGGGAG 13
      |||||
RESULT 138
US-10-257-017B-64876/c
; Sequence 64876, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 64876
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0017093
US-10-257-017B-64876

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      2 GGGTATAGGGAG 13
      |||||
RESULT 139
US-10-257-017B-76153
; Sequence 76153, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76153
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019495
US-10-257-017B-76153

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      2 GGGTATAGGGAG 13
      |||||
RESULT 140
US-10-257-017B-76154/c
; Sequence 76154, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 76154
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0019495
US-10-257-017B-76154

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      12 TCGGTGTAAGG 1
      |||||
RESULT 141
US-10-257-017B-85943
; Sequence 85943, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 85943
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021600
US-10-257-017B-85943

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      1 TGTAAAGGGTGT 12
      |||||
RESULT 142
US-10-257-017B-85944/c
; Sequence 85944, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
```

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; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 85944
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0021600
US-10-257-017B-85944

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 13 TGTAAAGGGTGT 2

RESULT 143
US-10-257-017B-120033/c
; Sequence 120033, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120033
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029958
US-10-257-017B-120033

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACAGGGTACA 17
Db 13 CCTACTTTTACA 2

RESULT 144
US-10-257-017B-120034
; Sequence 120034, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 121568
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030367
US-10-257-017B-121568

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 1 TGTATAGAGAGT 12

RESULT 146
US-10-257-017B-121568/c
; Sequence 121568, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 121568
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030367
US-10-257-017B-121568
```

```
Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
   |||||
Db 13 TGTATAGAGT 2

RESULT 147
US-10-257-017B-136725
; Sequence 136725, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136725
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136725

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
   |||||
Db 13 TGTAAATGGAGT 12

RESULT 148
US-10-257-017B-136726/c
; Sequence 136726, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136726
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136726

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
   |||||
Db 13 TGTAAATGGAGT 2

RESULT 149
US-10-257-017B-136727
; Sequence 136727, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136727
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136727

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
   |||||
Db 13 TGTAAACGGAGT 12

RESULT 150
US-10-257-017B-136728/c
; Sequence 136728, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136728
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136728

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
   |||||
Db 13 TGTAAACGGAGT 2

RESULT 151
US-10-257-017B-140371/c
; Sequence 140371, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 140371
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-140371
```

```
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 140371
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035182
US-10-257-017B-140371

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCTACGCTGATC 16
Db      12 CCTACGCTATCC 1

RESULT 152
US-10-257-017B-140372
/ Sequence 140372, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 140372
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0035182
US-10-257-017B-140372

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5 CCTACGCTGATC 16
Db      2 CCTACGCTATCC 13

RESULT 153
US-10-257-017B-159319
/ Sequence 159319, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 159319
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040109
US-10-257-017B-159319

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      1 TTTATAGGGAGT 12

RESULT 154
US-10-257-017B-159320/c
/ Sequence 159320, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 159320
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040109
US-10-257-017B-159320

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      13 TTTATAGGGAGT 2

RESULT 155
US-10-257-017B-160513
/ Sequence 160513, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 160513
/ LENGTH: 13
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160513

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```



```
QY 11 GTGTACAGGGAG 22
DB 2 GTGTAAGAGGAG 13

RESULT 156
US-10-257-017B-160514/c
; Sequence 160514, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 160514
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160514
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
DB 12 GTGTAAGAGGAG 1

RESULT 157
US-10-257-017B-160515
; Sequence 160515, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 160515
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160515
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
DB 2 GTGTAAGAGGAG 13

RESULT 158
US-10-257-017B-160516/c
; Sequence 160516, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 160516
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0040412
US-10-257-017B-160516
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
DB 13 CCTACGTGTAAC 2

RESULT 160
US-10-257-017B-174650
; Sequence 174650, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 174649
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009116
US-10-257-017B-174649
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGTAAC 16
DB 13 CCTACGTGTAAC 2

RESULT 160
US-10-257-017B-174650
; Sequence 174650, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 174649
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009116
US-10-257-017B-174649
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGTAAC 16
DB 13 CCTACGTGTAAC 2
```

```
0; Gaps 0;
```

```
0; Gaps 0;
```

Gaps 0;

Gaps 0;

FIELD NUMBER: 101155740
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8

FIELD NUMBER: 101155740
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8

US-10-257-017B-182915
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045193

; LENGTH: 13

RESULT 164
US-10-257-017B-182916
: Sequence 182916, Application US/10257017B

RESULT 164
US-10-257-017B-182916
: Sequence 182916, Application US/10257017B

FILE REFERENCE: 202/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8

FILE REFERENCE: 202/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8

```

; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045193
US-10-257-017B-182916

```

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10: Conservative 0; Mismatches 2; Indels

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10: Conservative 0; Mismatches 2; Indels

```
RESULT 165
US-10-257-017B-187821
; Sequence 187821, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187821
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187821

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      2 GTGTTAAGGGAG 13

RESULT 166
US-10-257-017B-187822/c
; Sequence 187822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187822
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187822

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      2 GTGTTAAGGGAG 13

RESULT 167
US-10-257-017B-187823
; Sequence 187823, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

```
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187823
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187823

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      2 GTGTTAAGGGAG 13

RESULT 168
US-10-257-017B-187824/c
; Sequence 187824, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187824
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187824

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGAG 22
Db      12 GTGTTAAGGGAG 1

RESULT 169
US-10-257-017B-187825
; Sequence 187825, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187825
; LENGTH: 13
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187825

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTACAGGGAG 13

RESULT 170
US-10-257-017B-187826/c
; Sequence 187826, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187826
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187826

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTACAGGGAG 13

RESULT 171
US-10-257-017B-187826/c
; Sequence 187826, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 187826
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0001439
US-10-257-017B-187826

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
Db 2 GTGTACAGGGAG 13

RESULT 172
US-10-257-017B-189996/c
; Sequence 189996, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 189996
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0046736
US-10-257-017B-189996

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 1 TATATAGGGAGT 12

RESULT 173
US-10-257-017B-191299
; Sequence 191299, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 191299
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0047061
US-10-257-017B-191299

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
Db 2 TTTAAAGGGAGT 13

RESULT 174
US-10-257-017B-191300/c
; Sequence 191300, Application US/10257017B
```

```

; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 191300
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048686
US-10-257-017B-191300

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGT 23
DB 12 TTTAAGGGAGT 1

RESULT 175
US-10-257-017B-197833/c
; Sequence 197833, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 197833
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048686
US-10-257-017B-197833

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGCTGTAC 16
DB 12 CTCCTACGCTCTAC 1

RESULT 176
US-10-257-017B-197834
; Sequence 197834, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211972
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211972/c

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
DB 2 GTGTGCGGGAG 13

RESULT 177
US-10-257-017B-211971
; Sequence 211971, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211971
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211971

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
DB 2 GTGTGCGGGAG 13

RESULT 178
US-10-257-017B-211972/c
; Sequence 211972, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 211972
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0051670
US-10-257-017B-211972

```

US-10-257-017B-211972

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGAG 22
|||||
DB 12 GTGTCCGGGGAG 1

RESULT 179

US-10-257-017B-213907/c
; Sequence 213907, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 213907
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052066
US-10-257-017B-213907

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
|||||
DB 12 CCTACGTTTCCA 1

RESULT 180

US-10-257-017B-213908
; Sequence 213908, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 213908
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0052066
US-10-257-017B-213908

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTACA 17
|||||
DB 2 CCTACGTTTCCA 13

RESULT 181

US-10-257-017B-230545
; Sequence 230545, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230545
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230545

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
|||||
DB 2 TACGTGTATATG 13

RESULT 182

US-10-257-017B-230546/c
; Sequence 230546, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230546
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230546

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
|||||
DB 12 TACGTGTATATG 1

RESULT 183

US-10-257-017B-230559
; Sequence 230559, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230559
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230559

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      2 TACGTGTATACG 13

RESULT 184
US-10-257-017B-230560/c
; Sequence 230560, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 230560
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0056234
US-10-257-017B-230560

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAGG 19
Db      12 TACGTGTATACG 1

RESULT 185
US-10-257-017B-235405
; Sequence 235405, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 235405
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057464
US-10-257-017B-235405

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      1 TTTAAAGGGAGT 12

RESULT 186
US-10-257-017B-235406/c
; Sequence 235406, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 235406
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057464
US-10-257-017B-235406

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAGT 23
Db      13 TTTAAAGGGAGT 2

RESULT 187
US-10-257-017B-237085/c
; Sequence 237085, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 237085
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057833
US-10-257-017B-237085

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
```

```
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 6 CCTACGTGTACA 17
Db 12 CCTACGAATACA 1
RESULT 188
US-10-257-017B-237086
; Sequence 237086, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 237086
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0057833
US-10-257-017B-237086
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 6 CCTACGTGTACA 17
Db 2 CCTACGAATACA 13
RESULT 189
US-10-257-017B-243755/c
; Sequence 243755, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 243755
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059467
US-10-257-017B-243755
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5 CCTACGTGTAC 16
Db 13 CCCACGTGTAC 2
RESULT 190
US-10-257-017B-243756
; Sequence 243756, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 243756
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0059467
US-10-257-017B-243756
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5 CCTACGTGTAC 16
Db 13 CCCACGTGTAC 2
RESULT 191
US-10-257-017B-248397/c
; Sequence 248397, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 248397
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060697
US-10-257-017B-248397
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5 CCTACGTGTAC 16
Db 13 CCCACGTGTAC 12
RESULT 192
US-10-257-017B-248398
; Sequence 248398, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 248398
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060697
US-10-257-017B-248398
Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 5 CCTACGTGTAC 16
Db 13 CCCACGTGTAC 2
```



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; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 248398
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0060697
US-10-257-017B-248398

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTTGATAC 16
DB 1 CCTACGTTAATC 12

RESULT 193
US-10-257-017B-264039/c
; Sequence 264039, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264039
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005398
US-10-257-017B-264039

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTTGATAC 17
DB 12 CCTACGTTAATC 1

RESULT 194
US-10-257-017B-264040
; Sequence 264040, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264040
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005398
US-10-257-017B-264040

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTTGATAC 17
DB 12 CCTACGTTAATC 1

RESULT 195
US-10-257-017B-265541
; Sequence 265541, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 265541
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064360
US-10-257-017B-265541

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
DB 2 TATGTGTATAGG 13

RESULT 196
US-10-257-017B-265542/c
; Sequence 265542, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 265542
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064360
US-10-257-017B-265542

Query Match 31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAGG 19
DB 2 TATGTGTATAGG 13
```

```
Db      12  TATGTGTATAGG 1

RESULT 197
US-10-708-951-18896/c
; Sequence 18896, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18896
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-18896

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGGAGT 23
        |||||
Db      12  TGTACAGTAAGT 1

RESULT 198
US-10-708-951-20084/c
; Sequence 20084, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20084
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-20084

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13  GTACAGGGAGTC 24
        |||||
Db      13  GTACAGTAAGTC 2

RESULT 199
US-10-708-951-46287/c
; Sequence 46287, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46287
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-46287

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGGAGT 23
        |||||
Db      12  TGTACAGTAAGT 1

RESULT 200
US-10-708-951-47407/c
; Sequence 47407, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47407
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47407

Query Match      31.4%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 1.5e+02;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12  TGTACAGGGAGT 23
        |||||
Db      12  TGTACAGTAAGT 1

RESULT 201
US-10-257-017B-1623/c
; Sequence 1623, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosi
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 1623
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0000588
US-10-257-017B-1623

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4  GCCCTACGT 12
        :|||
Db      13  RCCCTACGT 5

RESULT 202
US-10-257-017B-1624
; Sequence 1624, Application US/10257017B
```

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 1624
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0000588
US-10-257-017B-1624

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred.No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      4 GGCCTACGT 12
Db      1 RCCCTACGT 9

RESULT 203
US-10-257-017B-9229
; Sequence 9229, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 9229
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002450
US-10-257-017B-9229

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred.No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTAC 16
Db      5 TACGTGTAY 13

RESULT 204
US-10-257-017B-9230/c
; Sequence 9230, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35502
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-35501/c
; Sequence 35501, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35501
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-35502
; Sequence 35502, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 35502
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011237
US-10-257-017B-9230
; Sequence 9230, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 9230
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0002450
US-10-257-017B-9230
```

US-10-257-017B-35502

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
:|||||
Db 1 RCCCTACGT 9

RESULT 207

US-10-257-017B-61881
; Sequence 61881, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 61881
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016441
US-10-257-017B-61881

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
:|||||
Db 5 TACGTGTAY 13

RESULT 208

US-10-257-017B-61882/c
; Sequence 61882, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 61882
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0016441
US-10-257-017B-61882

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
:|||||
Db 9 TACGTGTAY 1

RESULT 209

US-10-257-017B-120733/c
; Sequence 120733, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120733
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030127
US-10-257-017B-120733

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
:|||||
Db 13 RCCCTACGT 5

RESULT 210

US-10-257-017B-120734
; Sequence 120734, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 120734
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0030127
US-10-257-017B-120734

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 GCCCTACGT 12
:|||||
Db 1 RCCCTACGT 9

RESULT 211

US-10-257-017B-127731/c
; Sequence 127731, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

```
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127731
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031982
US-10-257-017B-127732

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      4 GCCCTACGT 12
DB      13 RCCCTACGT 5

RESULT 212
US-10-257-017B-127732
; Sequence 127732, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 127732
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0031982
US-10-257-017B-127732

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      4 GCCCTACGT 12
DB      13 RCCCTACGT 5

RESULT 213
US-10-257-017B-184327/c
; Sequence 184327, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184327
```

```
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045489
US-10-257-017B-184327

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      4 GCCCTACGT 12
DB      13 RCCCTACGT 5

RESULT 214
US-10-257-017B-184328
; Sequence 184328, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 184328
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0045489
US-10-257-017B-184328

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      4 GCCCTACGT 12
DB      1 RCCCTACGT 9

RESULT 215
US-10-257-017B-195259
; Sequence 195259, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 195259
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0048038
US-10-257-017B-195259

Query Match      30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
```

```
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 8 TACGTGTAC 16
DB 5 TACGTGTAY 13
|||||:
|:

RESULT 216
US-10-257-017B-195260/c
; Sequence 195260 Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 195260
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049038
US-10-257-017B-195260

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 8 TACGTGTAC 16
DB 9 TACGTGTAY 1
|||||:
|:

RESULT 217
US-10-257-017B-201249
; Sequence 201249 Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201249
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201249

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 8 TACGTGTAC 16
DB 5 TACGTGTAY 13
|||||:
|:

RESULT 218
US-10-257-017B-201250/c
; Sequence 201250 Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 201250
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049513
US-10-257-017B-201250

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 8 TACGTGTAC 16
DB 5 TACGTGTAY 13
|||||:
|:

RESULT 219
US-10-257-017B-264339
; Sequence 264339 Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264339
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064059
US-10-257-017B-264339

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 8 TACGTGTAC 16
DB 5 TACGTGTAY 13
|||||:
|:

RESULT 220
US-10-257-017B-264340/c
; Sequence 264340 Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
```

; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 264340
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0064059
US-10-257-017B-264340

Query Match 30.7%; Score 8.6; DB 1; Length 13;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTAC 16
DB 9 TACGTGTAY 1

RESULT 221
PCT-US03-25614-123/c
; Sequence 123, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-123

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
DB 10 GTACAGGGTG 1

RESULT 222
PCT-US03-25614-220/c
; Sequence 220, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 220
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-220

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGGAGTCC 25
DB 10 CAGGGAGCCC 1

RESULT 223
PCT-US03-25614-560/c
; Sequence 560, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 560
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-560

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
DB 10 GTACAGGGTG 1

RESULT 224
PCT-US03-25614-776/c
; Sequence 776, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 776
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-776

Query Match 30.0%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 99;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
DB 10 GTACAGGGTG 1

RESULT 225

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-10-451-323-4

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy   3 GGCCCTACGT 12
Db   12 GGCCCAAGT 3

RESULT 228
US-10-257-017B-271313/c
; Sequence 271313, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosin
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271313
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002462
US-10-257-017B-271313

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy   14 TACAGGGAGT 23
Db   11 TAAAGGGAGT 2

RESULT 229
US-10-257-017B-273943
; Sequence 273943, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosin
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273943
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003372
US-10-257-017B-273943

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches          9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

[illegible]


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QY      14 TACAGGGAGT 23
Db      2 TAGAGGGAGT 11

RESULT 230
US-10-257-017B-274507/c
; Sequence 274507, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274507
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003575
US-10-257-017B-274507

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
Db      10 TGTAGAGGGA 1

RESULT 231
US-10-257-017B-276567
; Sequence 276567, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276567
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004226
US-10-257-017B-276567

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 TACAGGGAGT 23
Db      2 TATAGGGAGT 11

RESULT 232
US-10-257-017B-279172/c
; Sequence 279172, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 279172
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007003
US-10-257-017B-279172

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
Db      12 TGTATAGGGA 3

RESULT 233
US-10-257-017B-285333/c
; Sequence 285333, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285333
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285333

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TAGGTGTACA 17
Db      12 TAGGTATACA 3

RESULT 234
US-10-257-017B-285335/c
; Sequence 285335, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285335
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285335

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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285335
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012245
US-10-257-017B-285335

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTACA 17
        |||||
DB      11 TACGTGTATA 2

RESULT 235
US-10-257-017B-287299/c
; Sequence 287299, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 287299
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonukleotid-Primer
US-10-257-017B-287299

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      6 CCTACGTGTA 15
        |||||
DB      12 CCTACGTATA 3

RESULT 236
US-10-257-017B-294716/c
; Sequence 294716, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 294716
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016238
US-10-257-017B-294716

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Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTACA 17
        |||||
DB      12 TACGTATACA 3

RESULT 237
US-10-257-017B-298127
; Sequence 298127, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 298127
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017923
US-10-257-017B-298127

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
        |||||
DB      3 TGTAAAGGGA 12

RESULT 238
US-10-257-017B-306328
; Sequence 306328, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306328
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021949
US-10-257-017B-306328

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      14 TACAGGGAGT 23
        |||||
DB      1 TAGAGGGAGT 10

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RESULT 239
US-10-257-017B-306922/c
; Sequence 306922, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306922
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022248
US-10-257-017B-306922

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      13 GTACAGGAG 22
Db      10 GTATAGGAG 1

RESULT 240
US-10-257-017B-307001/c
; Sequence 307001, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 307001
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022291
US-10-257-017B-307001

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      11 GTGTACAGGG 20
Db      10 GTGTAGAGGG 1

RESULT 241
US-10-257-017B-310678
; Sequence 310678, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

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; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310678
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024049
US-10-257-017B-310678

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      6 CCTACGTGTA 15
Db      2 CCTACGCGTA 11

RESULT 242
US-10-257-017B-316249
; Sequence 316249, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316249
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027355
US-10-257-017B-316249

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      14 TACAGGGAGT 23
Db      2 TATAGGGAGT 11

RESULT 243
US-10-257-017B-322664
; Sequence 322664, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322664
; LENGTH: 12
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030993
US-10-257-017B-322664

Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 GTACGGGAGT 23
Db 1 TAAAGGGAGT 10

RESULT 244
US-10-257-017B-322883
; Sequence 322883, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322883
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031094
US-10-257-017B-322883

Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACGGGAGT 22
Db 2 GTACGGGAGT 11

RESULT 245
US-10-257-017B-324364
; Sequence 324364, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 324364
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031975
US-10-257-017B-324364

Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 13 GTACGGGAGT 22
Db 1 GTACGGGAGT 10

RESULT 246
US-10-257-017B-325195
; Sequence 325195, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 325195
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032450
US-10-257-017B-325195

Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGGAGT 23
Db 1 TAGAGGGAGT 10

RESULT 247
US-10-257-017B-325781/c
; Sequence 325781, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 325781
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0032711
US-10-257-017B-325781

Query Match          30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGGA 21
Db 10 TGTATAGGGA 1

RESULT 248
US-10-257-017B-330044
; Sequence 330044, Application US/10257017B
```

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330044
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035293
US-10-257-017B-330044

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
Db      3 TGTACAGGGA 12

RESULT 249
US-10-257-017B-335793
; Sequence 335793, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 335793
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039015
US-10-257-017B-335793

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      12 TGTACAGGGA 21
Db      1 TGTACAGGGA 10

RESULT 250
US-10-257-017B-337211
; Sequence 337211, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 337211
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039735
US-10-257-017B-337211

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      8 TACGTGTACA 17
Db      3 TACGTGTATA 12

RESULT 251
US-10-257-017B-351656/c
; Sequence 351656, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351656
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047427
US-10-257-017B-351656

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      10 CGTGTACAGG 19
Db      12 CGTGTAAAGG 3

RESULT 252
US-10-257-017B-363481
; Sequence 363481, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 363481
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053879
US-10-257-017B-363481
```

US-10-257-017B-363481

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 GTGTACAGG 20
|||||
Db 1 GTGTAAAGG 10

RESULT 253

US-10-257-017B-365099/c
; Sequence 365099, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 365099
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054913
US-10-257-017B-365099

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 8 TACGTGTACA 17
|||||
Db 12 TACGTGTATA 3

RESULT 254

US-10-257-017B-365773
; Sequence 365773, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 365773
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0055324
US-10-257-017B-365773

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 12 TGTACAGGCA 21
|||||
Db 3 TGTATAGGGA 12

RESULT 255

US-10-257-017B-377335/c
; Sequence 377335, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 377335
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062277
US-10-257-017B-377335

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GTACAGGAG 22
|||||
Db 11 GTAGAGGAG 2

RESULT 256

US-10-708-951-22469
; Sequence 22469, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22469
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22469

Query Match 30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGAGTCC 25
|||||
Db 3 CAGGAGGCC 12

RESULT 257

US-10-708-951-31339/c
; Sequence 31339, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
US-10-708-951-31339/c

```
; SEQ ID NO 31339
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-31339

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
    |||||
Db 11 GGAGTACAGG 2

RESULT 258
US-10-708-951-47233
; Sequence 47233, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47233
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-47233

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGGAGTCC 25
    |||||
Db 3 CAGGGAGCCC 12

RESULT 259
US-10-708-951-49227/c
; Sequence 49227, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; TITLE OF INVENTION: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49227
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-49227

Query Match      30.0%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 1.6e+02;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAGG 28
    |||||
Db 11 GGAGTACAGG 2

RESULT 260
PCT-US03-25614-246/c
; Sequence 246, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 246
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-246

Query Match      28.6%; Score 8; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 21 AGTCCAGG 28
    |||||
Db 10 AGTCCAGG 3

RESULT 261
US-10-257-017B-270228
; Sequence 270228, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosil
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 270228
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002052
US-10-257-017B-270228

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
    |||||
Db 2 TACGTGTA 9

RESULT 262
US-10-257-017B-273565
; Sequence 273565, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosil
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
```

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; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273565
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003234
US-10-257-017B-273565

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
Db      3 TACGTGTA 10

RESULT 263
US-10-257-017B-276700
; Sequence 276700, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 276700
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004266
US-10-257-017B-276700

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
Db      3 TACGTGTA 10

RESULT 264
US-10-257-017B-281698
; Sequence 281698, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281698
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010001
US-10-257-017B-281698

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
Db      3 TACGTGTA 10

RESULT 265
US-10-257-017B-285822/c
; Sequence 285822, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285822
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012462
US-10-257-017B-285822

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      8 TACGTGTA 15
Db      10 TACGTGTA 3

RESULT 266
US-10-257-017B-286347
; Sequence 286347, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286347
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012678
US-10-257-017B-286347

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      17 AGGAGTC 24
Db      5 AGGAGTC 12
```



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RESULT 267
US-10-257-017B-289277
; Sequence 289277, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289277
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013867
US-10-257-017B-289277

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 TACGTGTA 15
Db      3 TACGTGTA 10

RESULT 268
US-10-257-017B-292479/c
; Sequence 292479, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 292479
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015230
US-10-257-017B-292479

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      8 TACGTGTA 15
Db      3 TACGTGTA 10

RESULT 269
US-10-257-017B-293614/c
; Sequence 293614, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293614
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016627
US-10-257-017B-293614

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 CCCTACGT 12
Db      8 CCCTACGT 1

RESULT 270
US-10-257-017B-295535/c
; Sequence 295535, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295535
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016627
US-10-257-017B-295535

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      5 CCCTACGT 12
Db      8 CCCTACGT 1

RESULT 271
US-10-257-017B-295537
; Sequence 295537, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295537
; LENGTH: 12
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016628
US-10-257-017B-295537

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 5 CCCTACGT 12

RESULT 272
US-10-257-017B-297053/c
; Sequence 297053, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 297053
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017414
US-10-257-017B-297053

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 10 CCCTACGT 3

RESULT 273
US-10-257-017B-306721/c
; Sequence 306721, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306721
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022148
US-10-257-017B-306721

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 5 CCCTACGT 12

RESULT 274
US-10-257-017B-310676/c
; Sequence 310676, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310676
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024049
US-10-257-017B-310676

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
Db 8 TACGTGTA 1

RESULT 275
US-10-257-017B-313383
; Sequence 313383, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313383
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025713
US-10-257-017B-313383

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
Db 5 CCCTACGT 12

RESULT 276
US-10-257-017B-313957
; Sequence 313957, Application US/10257017B
; GENERAL INFORMATION:
```

```
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313957
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-313957

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
Db      2 TACGTGTA 9

RESULT 277
US-10-257-017B-313961
; Sequence 313961, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313961
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-313961

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
Db      2 TACGTGTA 9

RESULT 278
US-10-257-017B-316186
; Sequence 316186, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316186
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026047
US-10-257-017B-316186

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
Db      2 TACGTGTA 9
```

```
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 316186
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027326
US-10-257-017B-316186

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      17 AGGGAGTC 24
Db      5 AGGGAGTC 12

RESULT 279
US-10-257-017B-328918/c
; Sequence 328918, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 328918
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034654
US-10-257-017B-328918

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      17 AGGGAGTC 24
Db      11 AGGGAGTC 4

RESULT 280
US-10-257-017B-356331
; Sequence 356331, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356331
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050060
US-10-257-017B-356331
```

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Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
      |||||
Db      1 TACGTGTA 8

RESULT 281
US-10-257-017B-356333
; Sequence 356333, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356333
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050060
US-10-257-017B-356333

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
      |||||
Db      1 TACGTGTA 8

RESULT 282
US-10-257-017B-356623/c
; Sequence 356623, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 356623
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050224
US-10-257-017B-356623

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
      |||||
Db      11 TACGTGTA 4

RESULT 283
US-10-257-017B-359372/c
; Sequence 359372, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359372
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051593
US-10-257-017B-359372

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
      |||||
Db      9 TACGTGTA 2

RESULT 284
US-10-257-017B-362461
; Sequence 362461, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 362461
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053239
US-10-257-017B-362461

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      8 TACGTGTA 15
      |||||
Db      4 TACGTGTA 11

RESULT 285
US-10-257-017B-363232
; Sequence 363232, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
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; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 363232
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0053719
US-10-257-017B-363232

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 TACGTGTA 15
DB 3 TACGTGTA 10

RESULT 286
US-10-257-017B-375376/c
; Sequence 375376, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 375376
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061224
US-10-257-017B-375376

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
DB 9 CCCTACGT 2

RESULT 287
US-10-257-017B-376075/c
; Sequence 376075, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 376075
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061603
US-10-257-017B-376075

Query Match      28.6%; Score 8; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5 CCCTACGT 12
DB 10 CCCTACGT 3

RESULT 288
US-10-708-951-20987/c
; Sequence 20987, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20987
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-708-951-20987

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTACAGTAAGT 1

RESULT 289
US-10-708-951-41069/c
; Sequence 41069, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41069
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-708-951-41069

Query Match      27.9%; Score 7.8; DB 1; Length 11;
Best Local Similarity 81.8%; Pred. No. 1.9e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTACAGTAAGT 1

RESULT 290
US-10-257-017B-318372/c
; Sequence 318372, Application US/10257017B
; GENERAL INFORMATION:
```

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; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 318372
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028620
US-10-257-017B-318372

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 12 TGTACAGGGAG 2

RESULT 291
US-10-257-017B-323347/c
; Sequence 323347, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323347
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323347

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGCTGA 15
Db 11 CCTACGCTGA 1

RESULT 292
US-10-257-017B-267366
; Sequence 267366, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
```

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; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 267366
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000141
US-10-257-017B-267366

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 2 GTACAGGGAGT 12

RESULT 293
US-10-257-017B-267405/c
; Sequence 267405, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 267405
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0000178
US-10-257-017B-267405

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GAAGAGGGAGT 2

RESULT 294
US-10-257-017B-271559/c
; Sequence 271559, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 271559
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002548
US-10-257-017B-271559
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Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 17 AGGAGTCCAG 27
Db 11 AGTGAGTCGAG 1

RESULT 295
US-10-257-017B-272595
; Sequence 272595, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 272595
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0002871
US-10-257-017B-272595

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 11 GTGTACAGGGA 21
Db 2 GTGTAAAGGGA 12

RESULT 296
US-10-257-017B-273652/c
; Sequence 273652, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 273652
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003258
US-10-257-017B-273652

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 8 TACGTGTACAG 18
Db 12 TACGTGTTAG 2
```

```
RESULT 297
US-10-257-017B-274023/c
; Sequence 274023, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274023
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003399
US-10-257-017B-274023

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 11 GTGTACAGGGA 21
Db 11 GTGTATAGGAA 1

RESULT 298
US-10-257-017B-274503/c
; Sequence 274503, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/NO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 274503
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0003574
US-10-257-017B-274503

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 12 TGTACAGGAG 22
Db 12 TGTAGAGGAGT 2

RESULT 299
US-10-257-017B-276361/c
; Sequence 276361, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

TYPE: DNA	ORGANISM: Artificial Sequence	FEATURE:	OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004271
US-10-257-017B-276730	Query Match	27.9%; Score 7.8; DB 1; Length 12;	
	Best Local Similarity	81.8%; Pred. No. 2.3e+02;	
	Matches	9; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	12 TGTACAGGAG 22		
DB	11 TGTATAGGTAG 1		
RESULT 302			
US-10-257-017B-279384	Sequence 279384, Application US/10257017B		
	GENERAL INFORMATION:		
	APPLICANT: Alexander Olek		
	APPLICANT: Kurt Berlin		
	TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		
	TITLE OF INVENTION: methylations		
	FILE REFERENCE: E01/1193/WO		
	CURRENT APPLICATION NUMBER: US/10/257,017B		
	CURRENT FILING DATE: 2002-10-07		
	PRIOR APPLICATION NUMBER: DE 10019173.8		
	PRIOR FILING DATE: 2000-04-07		
	NUMBER OF SEQ ID NOS: 382046		
	SEQ ID NO 279384		
	LENGTH: 12		
	TYPE: DNA		
	ORGANISM: Artificial Sequence		
	FEATURE:		
	OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007310		
US-10-257-017B-279384	Query Match	27.9%; Score 7.8; DB 1; Length 12;	
	Best Local Similarity	81.8%; Pred. No. 2.3e+02;	
	Matches	9; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	18 GGGAGTCCAGG 28		
DB	1 GGGAGTAGAGG 11		
RESULT 303			
US-10-257-017B-281216	Sequence 281216, Application US/10257017B		
	GENERAL INFORMATION:		
	APPLICANT: Alexander Olek		
	APPLICANT: Kurt Berlin		
	TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		
	TITLE OF INVENTION: methylations		
	FILE REFERENCE: E01/1193/WO		
	CURRENT APPLICATION NUMBER: US/10/257,017B		
	CURRENT FILING DATE: 2002-10-07		
	PRIOR APPLICATION NUMBER: DE 10019173.8		
	PRIOR FILING DATE: 2000-04-07		
	NUMBER OF SEQ ID NOS: 382046		
	SEQ ID NO 281216		
	LENGTH: 12		
	TYPE: DNA		
	ORGANISM: Artificial Sequence		
	FEATURE:		
	OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009554		
US-10-257-017B-281216	Query Match	27.9%; Score 7.8; DB 1; Length 12;	
	Best Local Similarity	81.8%; Pred. No. 2.3e+02;	
	Matches	9; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	7 CTACGTGTACA 17		
DB	1 CTACCTATACA 11		
RESULT 301			
US-10-257-017B-276730/c	Sequence 276730, Application US/10257017B		
	GENERAL INFORMATION:		
	APPLICANT: Alexander Olek		
	APPLICANT: Kurt Berlin		
	TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		
	TITLE OF INVENTION: methylations		
	FILE REFERENCE: E01/1193/WO		
	CURRENT APPLICATION NUMBER: US/10/257,017B		
	CURRENT FILING DATE: 2002-10-07		
	PRIOR APPLICATION NUMBER: DE 10019173.8		
	PRIOR FILING DATE: 2000-04-07		
	NUMBER OF SEQ ID NOS: 382046		
	SEQ ID NO 276730		
	LENGTH: 12		
	TYPE: DNA		
	ORGANISM: Artificial Sequence		
	FEATURE:		
	OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0004271		
US-10-257-017B-276730	Query Match	27.9%; Score 7.8; DB 1; Length 12;	
	Best Local Similarity	81.8%; Pred. No. 2.3e+02;	
	Matches	9; Conservative	0; Mismatches 2; Indels 0; Gaps 0;
QY	7 CTACGTGTACA 17		
DB	1 CTACCTATACA 11		
RESULT 300			
US-10-257-017B-276730	Sequence 276730, Application US/10257017B		
	GENERAL INFORMATION:		
	APPLICANT: Alexander Olek		
	APPLICANT: Kurt Berlin		
	TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		
	TITLE OF INVENTION: methylations		
	FILE REFERENCE: E01/1193/WO		
	CURRENT APPLICATION NUMBER: US/10/257,017B		
	CURRENT FILING DATE: 2002-10-07		
	PRIOR APPLICATION NUMBER: DE 10019173.8		
	PRIOR FILING DATE: 2000-04-07		
	NUMBER OF SEQ ID NOS: 382046		
	SEQ ID NO 276730		
	LENGTH: 12		
	TYPE: DNA		
	ORGANISM: Artificial Sequence		
	FEATURE:		


```
QY      12 TGTACAGGGAG 22
Db      1 TGGAGAGGGAG 11

RESULT 304
US-10-257-017B-281358
; Sequence 281358, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281358
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0009679
US-10-257-017B-281358

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      14 TACAGGGAGTC 24
Db      2 TAGAGGGAGTC 12

RESULT 305
US-10-257-017B-281982/c
; Sequence 281982, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 281982
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010233
US-10-257-017B-281982

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
Db      12 TGTATATGGAG 2

RESULT 306
US-10-257-017B-283061/c
; Sequence 283061, Application US/10257017B
```

```
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 283061
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011128
US-10-257-017B-283061

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
Db      12 GTAAAGGGAGT 2

RESULT 307
US-10-257-017B-284182
; Sequence 284182, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 284182
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011701
US-10-257-017B-284182

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGTACA 17
Db      1 CTACGTGTACA 11

RESULT 308
US-10-257-017B-285439/c
; Sequence 285439, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
```

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; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 285439
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012289
US-10-257-017B-285439

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGGAGTCCAG 27
Db 11 AGGGAGTTCAG 1

RESULT 309
US-10-257-017B-286373/c
; Sequence 286373, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 286373
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012697
US-10-257-017B-286373

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 11 GTATAGGAAGT 1

RESULT 310
US-10-257-017B-289444
; Sequence 289444, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289444
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013940
US-10-257-017B-289444

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 11 GTATAGGAAGT 1

RESULT 310
US-10-257-017B-289444
; Sequence 289444, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289444
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0013940
US-10-257-017B-289444

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 2 GTTTATAGGGA 12

RESULT 311
US-10-257-017B-289636/c
; Sequence 289636, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289636
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0014025
US-10-257-017B-289636

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGGAGTCCAG 27
Db 11 AGGGAGTAGAG 1

RESULT 312
US-10-257-017B-289720
; Sequence 289720, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 289720
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0014063
US-10-257-017B-289720

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 2 GTGGATAGGGA 12
```

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; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293737
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015757
US-10-257-017B-293737

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAG 22
Db      11 TGTGTAGGAG 1

RESULT 316
US-10-257-017B-294482
; Sequence 294482, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 294482
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016139
US-10-257-017B-294482

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGAG 22
Db      1 TATATAGGAG 11

RESULT 317
US-10-257-017B-295634/c
; Sequence 295634, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 295634
;

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 292908
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015403
US-10-257-017B-292908

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      9 ACGTGTACAGG 19
Db      11 ACGTGAATAGG 1

RESULT 314
US-10-257-017B-293312/c
; Sequence 293312, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293312
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015568
US-10-257-017B-293312

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 18
Db      12 TACGTGTTAG 2

RESULT 315
US-10-257-017B-293737/c
; Sequence 293737, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 293737
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0015757
US-10-257-017B-293737
```

```
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0016664
US-10-257-017B-295634

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
Db 11 TAAGTGTATAG 1

RESULT 318
US-10-257-017B-296575
; Sequence 296575, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 296575
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0017153
US-10-257-017B-296575

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
Db 1 TAGGTGTATAG 11

RESULT 319
US-10-257-017B-298605/c
; Sequence 298605, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 298605
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018188
US-10-257-017B-298605

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 22
Db 11 TGAAGAAGGAG 1

RESULT 320
US-10-257-017B-298607/c
; Sequence 298607, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 298607
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018189
US-10-257-017B-298607

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GAAAGGGAGT 2

RESULT 321
US-10-257-017B-299134
; Sequence 299134, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299134
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018444
US-10-257-017B-299134

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 2 GTGTAAATGGA 12

RESULT 322
US-10-257-017B-299789
```

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; Sequence 299789, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 299789
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018745
US-10-257-017B-299789

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 2 GAGTAGAGGGA 12

RESULT 323
US-10-257-017B-300065
; Sequence 300065, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300065
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0018851
US-10-257-017B-300065

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 2 GTGTAGTGGGA 12

RESULT 324
US-10-257-017B-300067
; Sequence 300067, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301686
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019154
US-10-257-017B-300067

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
Db 1 CCTACCTATAC 11

RESULT 325
US-10-257-017B-300705
; Sequence 300705, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 300705
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019154
US-10-257-017B-300705

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
Db 1 CCTACCTATAC 11

RESULT 326
US-10-257-017B-301686
; Sequence 301686, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 301686
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0019610
US-10-257-017B-301686

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 2 GTGTTAGGGA 12

RESULT 327
US-10-257-017B-302468/c
; Sequence 302468, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 302468
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020734
US-10-257-017B-302468

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 11 GTGTACAGGGA 1

RESULT 328
US-10-257-017B-303184
; Sequence 303184, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 303184
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020357
US-10-257-017B-303184

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
DB 11 GTGTACAGGGA 1

RESULT 329
US-10-257-017B-303979/c
; Sequence 303979, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 303979
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020734
US-10-257-017B-303979

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 11 GTGCGGGAGT 1

RESULT 330
US-10-257-017B-304190
; Sequence 304190, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 304190
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020811
US-10-257-017B-304190

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGG 20
DB 1 CGGTACAGG 11

RESULT 331
US-10-257-017B-304237/c
; Sequence 304237, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

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; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 304237
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0020830
US-10-257-017B-304237

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
DB      11 GTATAGAGAT 1

RESULT 332
US-10-257-017B-306314
; Sequence 306314, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 306314
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021942
US-10-257-017B-306314

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
DB      2 GTATAGGGAT 12

RESULT 333
US-10-257-017B-306426
; Sequence 306426, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
```

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; SEQ ID NO 306426
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022010
US-10-257-017B-306426

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      7 CTACGTGTACA 17
DB      1 CTACGTATAAA 11

RESULT 334
US-10-257-017B-307592/c
; Sequence 307592, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 307592
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022580
US-10-257-017B-307592

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
DB      11 GGGAGTTTAGG 1

RESULT 335
US-10-257-017B-308044/c
; Sequence 308044, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 308044
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022851
US-10-257-017B-308044

Query Match      27.9%; Score 7.8; DB 1; Length 12;
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Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTAGCTGTAC 16
Db 11 CCTAGGTATCC 1

RESULT 336
US-10-257-017B-310519
; Sequence 310519, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310519
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024019
US-10-257-017B-310519

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
Db 2 AGGAGTATAG 12

RESULT 337
US-10-257-017B-311141
; Sequence 311141, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 311141
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0024326
US-10-257-017B-311141

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
Db 2 TGTATAGTGCAG 12

RESULT 338
US-10-257-017B-310519
; Sequence 310519, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 310519
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025019
US-10-257-017B-312368
; Sequence 312368, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312368
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025019
US-10-257-017B-312368

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGAG 22
Db 11 TTTATAGGAG 1

RESULT 339
US-10-257-017B-312431
; Sequence 312431, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312431
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025051
US-10-257-017B-312431

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
Db 1 AGTGAGTCGAG 11

RESULT 340
US-10-257-017B-312436/c
; Sequence 312436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
```



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; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 312436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025053
US-10-257-017B-312436

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      17 AGGGAGTCCAG 27
        |||||
Db      12 AGTGAGTCCAG 2

RESULT 341
US-10-257-017B-313093/c
; Sequence 313093, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313093
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025477
US-10-257-017B-313093

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e-02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
        |||||
Db      11 GTAGAGTGAGT 1

RESULT 342
US-10-257-017B-313423/c
; Sequence 313423, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313423
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025752
US-10-257-017B-313423

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      13 GTACAGGGAGT 23
        |||||
Db      12 GTTGAGGGAGT 2

RESULT 343
US-10-257-017B-313479
; Sequence 313479, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 313479
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0025791
US-10-257-017B-313479

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 18
        |||||
Db      1 TACGTGTTAG 11

RESULT 344
US-10-257-017B-314459
; Sequence 314459, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 314459
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0026375
US-10-257-017B-314459

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      11 GTGTACAGGGA 21
```


NUMBER OF SEQ ID NOS: 382046
 SEQ ID NO 317955
 LENGTH: 12
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028355

US-10-257-017B-317955

Query Match 27.9%; Score 7.8; DB 1; Length 12;
 Best Local Similarity 81.8%; Pred. No. 2.3e+02;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
 DB 2 TACGAGTATAG 12

RESULT 350

US-10-257-017B-317995
 Sequence 317995, Application US/10257017B

GENERAL INFORMATION:
 APPLICANT: Alexander Olek
 APPLICANT: Christian Piepenbrock
 APPLICANT: Kurt Berlin
 TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
 FILE REFERENCE: E01/1193/WO
 CURRENT APPLICATION NUMBER: US/10/257,017B
 PRIOR FILING DATE: 2002-10-07
 PRIOR APPLICATION NUMBER: DE 10019173.8
 PRIOR FILING DATE: 2000-04-07
 NUMBER OF SEQ ID NOS: 382046
 SEQ ID NO 317995
 LENGTH: 12
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028368

US-10-257-017B-317995

Query Match 27.9%; Score 7.8; DB 1; Length 12;
 Best Local Similarity 81.8%; Pred. No. 2.3e+02;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTGTACAGG 20
 DB 2 CGGTGTACAGG 12

RESULT 351

US-10-257-017B-318378/c
 Sequence 318378, Application US/10257017B

GENERAL INFORMATION:
 APPLICANT: Alexander Olek
 APPLICANT: Christian Piepenbrock
 APPLICANT: Kurt Berlin
 TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
 FILE REFERENCE: E01/1193/WO
 CURRENT APPLICATION NUMBER: US/10/257,017B
 PRIOR FILING DATE: 2002-10-07
 PRIOR APPLICATION NUMBER: DE 10019173.8
 PRIOR FILING DATE: 2000-04-07
 NUMBER OF SEQ ID NOS: 382046
 SEQ ID NO 318378
 LENGTH: 12
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028624

US-10-257-017B-318378

Query Match 27.9%; Score 7.8; DB 1; Length 12;
 Best Local Similarity 81.8%; Pred. No. 2.3e+02;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
 DB 12 GGAGAGGGAGT 2

RESULT 352

US-10-257-017B-318834/c
 Sequence 318834, Application US/10257017B

GENERAL INFORMATION:
 APPLICANT: Alexander Olek
 APPLICANT: Christian Piepenbrock
 APPLICANT: Kurt Berlin
 TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
 FILE REFERENCE: E01/1193/WO
 CURRENT APPLICATION NUMBER: US/10/257,017B
 PRIOR FILING DATE: 2002-10-07
 PRIOR APPLICATION NUMBER: DE 10019173.8
 PRIOR FILING DATE: 2000-04-07
 NUMBER OF SEQ ID NOS: 382046
 SEQ ID NO 318834
 LENGTH: 12
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0028917

US-10-257-017B-318834

Query Match 27.9%; Score 7.8; DB 1; Length 12;
 Best Local Similarity 81.8%; Pred. No. 2.3e+02;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
 DB 12 GTAAAGGGATT 2

RESULT 353

US-10-257-017B-319676
 Sequence 319676, Application US/10257017B

GENERAL INFORMATION:
 APPLICANT: Alexander Olek
 APPLICANT: Christian Piepenbrock
 APPLICANT: Kurt Berlin
 TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
 FILE REFERENCE: E01/1193/WO
 CURRENT APPLICATION NUMBER: US/10/257,017B
 PRIOR FILING DATE: 2002-10-07
 PRIOR APPLICATION NUMBER: DE 10019173.8
 PRIOR FILING DATE: 2000-04-07
 NUMBER OF SEQ ID NOS: 382046
 SEQ ID NO 319676
 LENGTH: 12
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029352

US-10-257-017B-319676

Query Match 27.9%; Score 7.8; DB 1; Length 12;
 Best Local Similarity 81.8%; Pred. No. 2.3e+02;
 Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ACGTGTACAGG 19
 DB 1 ACGTATAAGG 11

```
RESULT 354
US-10-257-017B-319813/c
; Sequence 319813, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 319813
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029422
US-10-257-017B-319813

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
Db 12 GTAAAGAGT 2

RESULT 355
US-10-257-017B-320586/c
; Sequence 320586, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 320586
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0029805
US-10-257-017B-320586

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGACAG 18
Db 12 TAAGTGTAAG 2

RESULT 356
US-10-257-017B-322085
; Sequence 322085, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
```

```
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 322085
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030649
US-10-257-017B-322085

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 2 GTGGAAGGGA 12

RESULT 357
US-10-257-017B-323348/c
; Sequence 323348, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 323348
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031342
US-10-257-017B-323348

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTGTA 15
Db 11 CCTACGCATA 1

RESULT 358
US-10-257-017B-324199
; Sequence 324199, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 324199
; LENGTH: 12
; TYPE: DNA
```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0031859
US-10-257-017B-324199

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
||| ||| |||
Db 2 GTATAGGAGT 12

RESULT 359
US-10-257-017B-326585
; Sequence 326585, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 326585
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033166
US-10-257-017B-326585

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGG 20
||| ||| |||
Db 1 CGGTACAGGG 11

RESULT 360
US-10-257-017B-326589
; Sequence 326589, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 326589
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033166
US-10-257-017B-326589

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 10 CGGTACAGGG 20
||| ||| |||
Db 1 CGGTACAGGG 11

RESULT 361
US-10-257-017B-327497
; Sequence 327497, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 327497
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0033686
US-10-257-017B-327497

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACCGTGA 15
||| ||| |||
Db 2 CCTACCGTGA 12

RESULT 362
US-10-257-017B-328297
; Sequence 328297, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 328297
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034221
US-10-257-017B-328297

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
||| ||| |||
Db 2 GTACAGGAGT 12

RESULT 363
US-10-257-017B-328727
; Sequence 328727, Application US/10257017B
; GENERAL INFORMATION:

```
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ PRIOR FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 328727
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034507
US-10-257-017B-328727

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
Db      1 GGGAGTTTAGG 11

RESULT 364
US-10-257-017B-328728
/ Sequence 328728, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 328728
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034507
US-10-257-017B-328728

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      18 GGGAGTCCAGG 28
Db      1 GGGAGTTTAGG 11

RESULT 365
US-10-257-017B-329472/c
/ Sequence 329472, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
```

```
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 329472
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034961
US-10-257-017B-329472
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      13 GTACAGGCAGT 23
Db      12 GTATAGGAAGT 2
```

```
RESULT 366
US-10-257-017B-329506/c
/ Sequence 329506, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 329506
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034969
US-10-257-017B-329506
```

```
Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      6 CCTACGCTGTAC 16
Db      11 CGTGGCTGTAC 1
```

```
RESULT 367
US-10-257-017B-329543/c
/ Sequence 329543, Application US/10257017B
/ GENERAL INFORMATION:
/ APPLICANT: Alexander Olek
/ APPLICANT: Christian Piepenbrock
/ APPLICANT: Kurt Berlin
/ TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
/ FILE REFERENCE: E01/1193/WO
/ CURRENT APPLICATION NUMBER: US/10/257,017B
/ CURRENT FILING DATE: 2002-10-07
/ PRIOR APPLICATION NUMBER: DE 10019173.8
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 382046
/ SEQ ID NO 329543
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0034985
US-10-257-017B-329543
```

```

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
DB 12 GTAGAGGTACT 2

RESULT 368
US-10-257-017B-329588/c
; Sequence 329588, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 329588
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035020
US-10-257-017B-329588

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGGTCCAG 27
DB 12 AGGAGGTATAG 2

RESULT 369
US-10-257-017B-330374/c
; Sequence 330374, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035480
US-10-257-017B-330374

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGTGTACA 17
DB 12 CTACTTCTACA 2

```

```

RESULT 370
US-10-257-017B-330436/c
; Sequence 330436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 330436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0035525
US-10-257-017B-330436

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGGTCCAG 27
DB 12 AGGAGGTCCG 2

RESULT 371
US-10-257-017B-335291/c
; Sequence 335291, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylation
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 335291
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0038711
US-10-257-017B-335291

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGACAGGGAG 22
DB 11 TATAAGGGAG 1

RESULT 372
US-10-257-017B-335891
; Sequence 335891, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

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; TYPE: DNA		; ORGANISM: Artificial Sequence	
; FILE REFERENCE: E01/1193/WO		; CURRENT APPLICATION NUMBER: US/10/257,017B	
; CURRENT FILING DATE: 2002-10-07		; PRIOR APPLICATION NUMBER: DE 10019173.8	
; PRIOR FILING DATE: 2000-04-07		; NUMBER OF SEQ ID NOS: 382046	
; SEQ ID NO 335891		; LENGTH: 12	
; TYPE: DNA		; ORGANISM: Artificial Sequence	
; FEATURE:		; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039096	
US-10-257-017B-335891		US-10-257-017B-335891	
Query Match		27.9%; Score 7.8; DB 1; Length 12;	
Best Local Similarity		81.8%; Pred. No. 2.3e+02;	
Matches		9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY		11 GTGTACAGGGA 21	
DB		2 GTGAAAGGGA 12	
RESULT 373		US-10-257-017B-336406/c	
; Sequence 336406, Application US/10257017B		; GENERAL INFORMATION:	
; APPLICANT: Alexander Olek		; APPLICANT: Kurt Berlin	
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		; FILE REFERENCE: E01/1193/WO	
; CURRENT APPLICATION NUMBER: US/10/257,017B		; CURRENT FILING DATE: 2002-10-07	
; PRIOR FILING DATE: 2000-04-07		; NUMBER OF SEQ ID NOS: 382046	
; SEQ ID NO 336406		; LENGTH: 12	
; TYPE: DNA		; ORGANISM: Artificial Sequence	
; FEATURE:		; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0039349	
US-10-257-017B-336406		US-10-257-017B-336406	
Query Match		27.9%; Score 7.8; DB 1; Length 12;	
Best Local Similarity		81.8%; Pred. No. 2.3e+02;	
Matches		9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY		11 GTGTACAGGGA 21	
DB		11 GTGTATGGGA 1	
RESULT 374		US-10-257-017B-338282	
; Sequence 338282, Application US/10257017B		; GENERAL INFORMATION:	
; APPLICANT: Alexander Olek		; APPLICANT: Kurt Berlin	
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		; FILE REFERENCE: E01/1193/WO	
; CURRENT APPLICATION NUMBER: US/10/257,017B		; CURRENT FILING DATE: 2002-10-07	
; PRIOR FILING DATE: 2000-04-07		; NUMBER OF SEQ ID NOS: 382046	
; SEQ ID NO 338282		; LENGTH: 12	
; TYPE: DNA		; ORGANISM: Artificial Sequence	
; FEATURE:		; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040813	
US-10-257-017B-338282		US-10-257-017B-338282	
Query Match		27.9%; Score 7.8; DB 1; Length 12;	
Best Local Similarity		81.8%; Pred. No. 2.3e+02;	
Matches		9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY		11 GTGTACAGGGA 21	
DB		11 GTGTATGGGA 1	
RESULT 375		US-10-257-017B-338484	
; Sequence 338484, Application US/10257017B		; GENERAL INFORMATION:	
; APPLICANT: Alexander Olek		; APPLICANT: Kurt Berlin	
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		; FILE REFERENCE: E01/1193/WO	
; CURRENT APPLICATION NUMBER: US/10/257,017B		; CURRENT FILING DATE: 2002-10-07	
; PRIOR FILING DATE: 2000-04-07		; NUMBER OF SEQ ID NOS: 382046	
; SEQ ID NO 338484		; LENGTH: 12	
; TYPE: DNA		; ORGANISM: Artificial Sequence	
; FEATURE:		; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040513	
US-10-257-017B-338484		US-10-257-017B-338484	
Query Match		27.9%; Score 7.8; DB 1; Length 12;	
Best Local Similarity		81.8%; Pred. No. 2.3e+02;	
Matches		9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY		8 TAGGTGTACAG 18	
DB		2 TAGGTGTAAAG 12	
RESULT 376		US-10-257-017B-339067	
; Sequence 339067, Application US/10257017B		; GENERAL INFORMATION:	
; APPLICANT: Alexander Olek		; APPLICANT: Kurt Berlin	
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		; FILE REFERENCE: E01/1193/WO	
; CURRENT APPLICATION NUMBER: US/10/257,017B		; CURRENT FILING DATE: 2002-10-07	
; PRIOR FILING DATE: 2000-04-07		; NUMBER OF SEQ ID NOS: 382046	
; SEQ ID NO 339067		; LENGTH: 12	
; TYPE: DNA		; ORGANISM: Artificial Sequence	
; FEATURE:		; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040813	
US-10-257-017B-339067		US-10-257-017B-339067	
Query Match		27.9%; Score 7.8; DB 1; Length 12;	
Best Local Similarity		81.8%; Pred. No. 2.3e+02;	
Matches		9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY		8 TAGGTGTACAG 18	
DB		2 TAGGTGTAAAG 12	
RESULT 377		US-10-257-017B-339067	
; Sequence 339067, Application US/10257017B		; GENERAL INFORMATION:	
; APPLICANT: Alexander Olek		; APPLICANT: Kurt Berlin	
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine		; FILE REFERENCE: E01/1193/WO	
; CURRENT APPLICATION NUMBER: US/10/257,017B		; CURRENT FILING DATE: 2002-10-07	
; PRIOR FILING DATE: 2000-04-07		; NUMBER OF SEQ ID NOS: 382046	
; SEQ ID NO 339067		; LENGTH: 12	
; TYPE: DNA		; ORGANISM: Artificial Sequence	
; FEATURE:		; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040813	
US-10-257-017B-339067		US-10-257-017B-339067	
Query Match		27.9%; Score 7.8; DB 1; Length 12;	
Best Local Similarity		81.8%; Pred. No. 2.3e+02;	
Matches		9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;	
QY		8 TAGGTGTACAG 18	
DB		2 TAGGTGTAAAG 12	

QY 12 TGTCAGGGAG 22
Db 2 TTTCAGGGAG 12

RESULT 377

US-10-257-017B-339453
; Sequence 339453, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 339453

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041010

US-10-257-017B-339453

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ACGGTACAGG 19
Db 1 AAGGTATAGG 11

RESULT 378

US-10-257-017B-340416

; Sequence 340416, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 340416

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041516

US-10-257-017B-340416

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCCTACGTGTA 15
Db 1 CCCTACATTA 11

RESULT 379

US-10-257-017B-342694

; Sequence 342694, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 342694

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010536

US-10-257-017B-342694

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
Db 2 CCTACGTCTCC 12

RESULT 380

US-10-257-017B-344766

; Sequence 344766, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; PRIOR FILING DATE: 2000-04-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 344766

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043696

US-10-257-017B-344766

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
Db 2 CCTACTTCTAC 12

RESULT 381

US-10-257-017B-345269

; Sequence 345269, Application US/10257017B

; GENERAL INFORMATION:

; APPLICANT: Alexander Olek

; APPLICANT: Kurt Berlin

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine

; FILE REFERENCE: E01/1193/WO

; CURRENT FILING DATE: 2002-10-07

; NUMBER OF SEQ ID NOS: 382046

; SEQ ID NO 345269

; LENGTH: 12

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043696

US-10-257-017B-345269

```
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 345269
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0043939
US-10-257-017B-345269

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
Db 1 GTGTATAGGAA 11

RESULT 382
US-10-257-017B-346722
; Sequence 346722, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 346722
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044718
US-10-257-017B-346722

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TACGTGTACAG 18
Db 2 TACGTTTAGAG 12

RESULT 383
US-10-257-017B-347124/c
; Sequence 347124, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 347124
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044921
US-10-257-017B-347124

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 12 TGTAAAGAGAG 2

RESULT 384
US-10-257-017B-347254/c
; Sequence 347254, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 347254
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0044987
US-10-257-017B-347254

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GTAAATGGAGT 2

RESULT 385
US-10-257-017B-349585/c
; Sequence 349585, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 349585
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006053
US-10-257-017B-349585

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
Db 12 GAATAGGGAGT 2
```

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; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 382705
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0048048
US-10-257-017B-352705

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      2 TATATAGGAG 12

RESULT 389
US-10-257-017B-354546
; Sequence 354546, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354546
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007126
US-10-257-017B-354546

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      2 TGTGAGGGAG 12

RESULT 390
US-10-257-017B-354916
; Sequence 354916, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 354916

; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351620
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047410
US-10-257-017B-351620

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGTGTAC 16
DB      12 CGTGGGTGTAC 2

RESULT 387
US-10-257-017B-351903/c
; Sequence 351903, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 351903
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0047561
US-10-257-017B-351903

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 18
DB      11 TATGTGTATAG 1

RESULT 388
US-10-257-017B-352705
; Sequence 352705, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
```

```
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0049362
US-10-257-017B-354916

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 2 TGTATTGGGAG 12

RESULT 391
US-10-257-017B-355436
; Sequence 355436, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 355436
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010480
US-10-257-017B-355436

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 2 TGTATTGGGAG 12

RESULT 392
US-10-257-017B-357410
; Sequence 357410, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 357410
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0050598
US-10-257-017B-357410

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
```

```
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 CCTACGTGTAC 16
Db 2 CCTTCGTATAC 12

RESULT 393
US-10-257-017B-359423
; Sequence 359423, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 359423
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051604
US-10-257-017B-359423

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 14 TACAGGGAGTC 24
Db 2 TAAAGGGATTC 12

RESULT 394
US-10-257-017B-360057
; Sequence 360057, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360057
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0051905
US-10-257-017B-360057

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CCTACGTGTGA 15
Db 1 CCTTACCTTTA 11

RESULT 395
US-10-257-017B-360914/c
```

```
Sequence 360914, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; PRIOR FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360914
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0007660
US-10-257-017B-360914

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
Db 11 AGGAGTTAAG 1

RESULT 396
US-10-257-017B-360925/c
; Sequence 360925, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 360925
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0052374
US-10-257-017B-360925

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
Db 11 GTTTAAAGGA 1

RESULT 397
US-10-257-017B-361219/c
; Sequence 361219, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 366438
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054346
US-10-257-017B-366438

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGG 20
Db 12 ATGTTTANAGG 1

RESULT 398
US-10-257-017B-364211/c
; Sequence 364211, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 364211
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0054346
US-10-257-017B-364211

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 75.0%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 9 ACGTGTACAGG 20
Db 12 ATGTTTANAGG 1

RESULT 399
US-10-257-017B-366438
; Sequence 366438, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 366438
```

```
/ LENGTH: 12
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0055758
US-10-257-017B-368188

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
Db 1 GTGAGTCGAG 11

RESULT 400
US-10-257-017B-368188
; Sequence 368188, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 368188
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0056841
US-10-257-017B-368188

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
Db 2 TAGGTGTATAG 12

RESULT 401
US-10-257-017B-368694/c
; Sequence 368694, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 368694
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057156
US-10-257-017B-368694

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
```

```
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
Db 12 TAAGTGTAAAG 2

RESULT 402
US-10-257-017B-369019
; Sequence 369019, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 369019
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057405
US-10-257-017B-369019

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 GGGAGTCCAGG 28
Db 2 GGGAGTTCAGG 12

RESULT 403
US-10-257-017B-370020
; Sequence 370020, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 370020
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0057941
US-10-257-017B-370020

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 12 TGTACAGGGAG 22
Db 2 TGTAGAGAGAG 12

RESULT 404
US-10-257-017B-370243
```

```
; Sequence 370243, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 370243
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058069
US-10-257-017B-370243

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 CCTACGTGTAC 16
DB      2 CCTACATTAC 12

RESULT 405
US-10-257-017B-370656/c
; Sequence 370656, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 370656
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058293
US-10-257-017B-370656

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      11 TGTAGAGGAAG 1

RESULT 406
US-10-257-017B-371290
; Sequence 371290, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 371290
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0058695
US-10-257-017B-371290

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      8 TACGTGTACAG 18
DB      2 TAAGTGTAAG 12

RESULT 407
US-10-257-017B-372617/c
; Sequence 372617, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 372617
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0059501
US-10-257-017B-372617

Query Match      27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      12 TGTACAGGGAG 22
DB      12 TGTATATGGAG 2

RESULT 408
US-10-257-017B-374440/c
; Sequence 374440, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 374440
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0060697
US-10-257-017B-374440

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 17 AGGAGTCCAG 27
|||||
DB 11 AGGAGGCGAG 1

RESULT 409

US-10-257-017B-375026/c
; Sequence 375026, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 375026
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0060699
US-10-257-017B-375026

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
|||||
DB 11 GTTTATAGGGA 1

RESULT 410

US-10-257-017B-376374/c
; Sequence 376374, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 376374
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061770
US-10-257-017B-376374

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
|||||

DB 12 GTAAAGAGAGT 2

RESULT 411

US-10-257-017B-377645/c
; Sequence 377645, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 377645
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0001398
US-10-257-017B-377645

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGGA 21
|||||
DB 11 GAGTAGAGGGA 1

RESULT 412

US-10-257-017B-380460/c
; Sequence 380460, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; TITLE OF INVENTION: methylations
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 380460
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0063833
US-10-257-017B-380460

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGAGT 23
|||||
DB 12 GTAGAGGAGT 2

RESULT 413

US-10-257-017B-380651/c
; Sequence 380651, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock

APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIOR FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 380651
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0063915
US-10-257-017B-380651

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 13 GTACAGGGAGT 23
||| |||||
Db 11 GTACAGGGAGT 1

RESULT 414

US-10-257-017B-381145
Sequence 381145, Application US/10257017B
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 381145
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0064199
US-10-257-017B-381145

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
||| |||||
Db 2 GTGTATAGGA 12

RESULT 415

US-10-661-165-485
Sequence 485, Application US/10661165
GENERAL INFORMATION:
APPLICANT: Dhaliان, Ravinder S.
TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
FILE REFERENCE: DISORDERS
FILE REFERENCE: 543312000420
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: PCT/US03/06198
PRIOR FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/378,354
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: US 10/093,618

PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/360,232
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: PCT/US03/27308
PRIOR FILING DATE: 2003-08-29
PRIOR APPLICATION NUMBER: US 10/376,770
PRIOR FILING DATE: 2003-02-28
NUMBER OF SEQ ID NOS: 628
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 485
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-661-165-485

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 GTGTACAGGA 21
||| |||||
Db 1 GTGTGCATGA 11

RESULT 416

US-10-708-951-20224/c
Sequence 20224, Application US/10708951
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATICA DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
FILE REFERENCE: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 55034
CURRENT APPLICATION NUMBER: US/10/708,951
CURRENT FILING DATE: 2004-04-02
NUMBER OF SEQ ID NOS: 59824
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20224
LENGTH: 12
TYPE: RNA
ORGANISM: Homo sapiens
US-10-708-951-20224

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 8 TAGGTGTACAG 18
||| |||||
Db 12 TTATGTACAG 2

RESULT 417

US-10-708-951-21117
Sequence 21117, Application US/10708951
GENERAL INFORMATION:
APPLICANT: ROSETTA GENOMICS LTD
TITLE OF INVENTION: BIOINFORMATICA DETECTABLE GROUP OF NOVEL REGULATORY BACTERIA
FILE REFERENCE: AND BACTERIAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF
FILE REFERENCE: 55034
CURRENT APPLICATION NUMBER: US/10/708,951
CURRENT FILING DATE: 2004-04-02
NUMBER OF SEQ ID NOS: 59824
SOFTWARE: PatentIn version 3.2
SEQ ID NO 21117
LENGTH: 12
TYPE: RNA
ORGANISM: Homo sapiens
US-10-708-951-21117

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 63.6%; Pred. No. 2.3e+02;

```
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
QY 7 CTACGTGTACA 17
   |||:||||
Db 1 CUACUGCACA 11

RESULT 418
US-10-708-951-41057/c
; Sequence 41057, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41057
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-41057

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 81.8%; Pred. No. 2.3e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 8 TACGTGTACAG 18
   |||:||||
Db 12 TTCACTGTACAG 2

RESULT 419
US-10-708-951-43375
; Sequence 43375, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43375
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-43375

Query Match 27.9%; Score 7.8; DB 1; Length 12;
Best Local Similarity 63.6%; Pred. No. 2.3e+02;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
QY 7 CTACGTGTACA 17
   |||:||||
Db 1 CUACUGCACA 11

RESULT 420
US-10-257-017B-118027
; Sequence 118027, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
```

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; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118027
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118027

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 12 TGTACAGGGAG 22
   |||:||||
Db 1 TGTAGAGGTAG 11

RESULT 421
US-10-257-017B-118028/c
; Sequence 118028, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 118028
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029509
US-10-257-017B-118028

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 12 TGTACAGGGAG 22
   |||:||||
Db 13 TGTAGAGGTAG 3

RESULT 422
US-10-257-017B-119279
; Sequence 119279, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms [SNPs] and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119279
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
```

US-10-257-017B-119279

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24
|||||
DB 1 TGTAAACGTAGTY 13
|||||

RESULT 423

US-10-257-017B-119280/c
; Sequence 119280, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 119280
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029787
US-10-257-017B-119280

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24
|||||
DB 13 TGTAAACGTAGTY 1
|||||

RESULT 424

US-10-257-017B-144691
; Sequence 144691, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144691
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144691

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24
|||||
DB 1 TGTAGACGTAGTY 13
|||||

RESULT 425

US-10-257-017B-144692/c
; Sequence 144692, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 144692
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0036396
US-10-257-017B-144692

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 69.2%; Pred. No. 2.7e+02;
Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 12 TGTACAGGGAGTC 24
|||||
DB 13 TGTAGACGTAGTY 1
|||||

RESULT 426

US-10-257-017B-136727/c
; Sequence 136727, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin
; TITLE OF INVENTION: Detection of single nucleotide polymorphisms (SNPs) and cytosine
; FILE REFERENCE: E01/1193/WO
; CURRENT APPLICATION NUMBER: US/10/257,017B
; CURRENT FILING DATE: 2002-10-07
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 382046
; SEQ ID NO 136727
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0034175
US-10-257-017B-136727

Query Match 27.9%; Score 7.8; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 9; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 7 CTACGGTGACA 17
|||||
DB 11 CTCGGTTTACA 1
|||||

RESULT 427

US-10-257-017B-136728
; Sequence 136728, Application US/10257017B
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
; APPLICANT: Christian Piepenbrock
; APPLICANT: Kurt Berlin

```

; LENGTH: 10
; TYPE: DNA
; ORGANISM: Mus musculus
PCT-US02-31548A-38

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0

QY      18 GGGAGTCCA 26
      |||||
DB      2 GGGATTCCA 10

RESULT 430
PCT-US03-25614-19
; Sequence 19, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-19

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0

QY      8 TACGTGTAC 16
      |||||
DB      2 TAAGTGTAC 10

RESULT 431
PCT-US03-25614-20
; Sequence 20, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-20

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0

QY      8 TACGTGTAC 16
      |||||

```

```
Db      2 TAAGTGATC 10

RESULT 432
PCT-US03-25614-188/c
; Sequence 188, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 188
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-188

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3 GGCCTAGC 11
        ||| ||| |||
Db      10 GGCCTAGC 2

RESULT 433
PCT-US03-25614-754/c
; Sequence 754, Application PC/TUS0325614
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: The Johns Hopkins University
; TITLE OF INVENTION: BRAIN ENDOTHELIAL EXPRESSION PATTERNS
; FILE REFERENCE: 003482.00010
; CURRENT APPLICATION NUMBER: PCT/US03/25614
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 60/403,390
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/458,978
; PRIOR FILING DATE: 2003-04-01
; NUMBER OF SEQ ID NOS: 869
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 754
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-25614-754

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      19 GGAGTCCAG 27
        ||| ||| |||
Db      10 GGAGTCCAG 2

RESULT 434
US-09-701-545-211/c
; Sequence 211, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 211
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-211

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      9 ACGTGATCA 17
        ||| ||| |||
Db      9 ACGTGATCA 1

RESULT 435
US-09-701-545-273/c
; Sequence 273, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 273
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-273

Query Match      26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      15 ACAGGGAGT 23
        ||| ||| |||
Db      10 ACTGGAGT 2

RESULT 436
US-10-626-905-28
; Sequence 28, Application US/10626905
; GENERAL INFORMATION:
; APPLICANT: FRANZOSO, GUIDO
; APPLICANT: DESMAELE, ENRICO
; APPLICANT: ZAZZERONI, FRANCESCA
; APPLICANT: PAPA, SALVATORE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-94575
; CURRENT APPLICATION NUMBER: US/10/626,905
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: PCT/US02/31548
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 10/263,330
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 28
; LENGTH: 10
; TYPE: DNA
```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-626-905-28

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26
|||||
Db 2 GGGATTCCA 10

RESULT 437
US-10-626-905-38
; Sequence 38, Application US/10626905
; GENERAL INFORMATION:
; APPLICANT: FRANZOSO, GUIDO
; APPLICANT: DESMAELE, ENRICO
; APPLICANT: ZAZZERONI, FRANCESCA
; APPLICANT: PAPA, SALVATORE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-94575
; CURRENT APPLICATION NUMBER: US/10/626,905
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: PCT/US02/31548
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 10/263,330
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 38
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-626-905-38

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26
|||||
Db 2 GGGATTCCA 10

RESULT 438
US-10-263-330A-28
; Sequence 28, Application US/10263330A
; GENERAL INFORMATION:
; APPLICANT: FRANZOSO, GUIDO
; APPLICANT: DESMAELE, ENRICO
; APPLICANT: ZAZZERONI, FRANCESCA
; APPLICANT: PAPA, SALVATORE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93823
; CURRENT APPLICATION NUMBER: US/10/263,330A
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 28
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-263-330A-28

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26
|||||
Db 2 GGGATTCCA 10

RESULT 439
US-10-263-330A-38
; Sequence 38, Application US/10263330A
; GENERAL INFORMATION:
; APPLICANT: FRANZOSO, GUIDO
; APPLICANT: DESMAELE, ENRICO
; APPLICANT: ZAZZERONI, FRANCESCA
; APPLICANT: PAPA, SALVATORE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93823
; CURRENT APPLICATION NUMBER: US/10/263,330A
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 38
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-263-330A-38

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 GGGAGTCCA 26
|||||
Db 2 GGGATTCCA 10

RESULT 440
US-10-816-079-20
; Sequence 20, Application US/10816079
; GENERAL INFORMATION:
; APPLICANT: Genzyme Corporation
; APPLICANT: Beaudry, Gary A
; APPLICANT: Madden, Stephen L
; APPLICANT: Bertelsen, Arthur H
; TITLE OF INVENTION: Composition and Methods for the Identification of Lung Tumor
; FILE REFERENCE: GA0129C2
; CURRENT APPLICATION NUMBER: US/10/816,079
; CURRENT FILING DATE: 2004-04-01
; PRIOR APPLICATION NUMBER: 09/663,516
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: 60/080,037
; PRIOR FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: SAGE tag
US-10-816-079-20

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 GGCCCTAC 11
DB 2 GGCCCGACG 10

RESULT 441
US-10-815-571-108/c
; Sequence 108, Application US/10815571
; GENERAL INFORMATION:
; APPLICANT: Dain, Bradley J.
; APPLICANT: Messer, Chad
; APPLICANT: Reed, Carol R.
; APPLICANT: Rounds, Eileen M.
; APPLICANT: Zhan, Ping
; TITLE OF INVENTION: ABCA1 Genetic Markers and Statin Response
; FILE REFERENCE: MWH-3047US
; CURRENT APPLICATION NUMBER: US/10/815,571
; CURRENT FILING DATE: 2004-03-31
; PRIOR APPLICATION NUMBER: US 60/459,431
; PRIOR FILING DATE: 2003-03-31
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 108
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-815-571-108

Query Match 26.4%; Score 7.4; DB 1; Length 10;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 19 GGAGTCCAG 27
DB 9 GGTGTCCAG 1

RESULT 442
PCT-US03-38234A-36
; Sequence 36, Application PC/TUS0338234A
; GENERAL INFORMATION:
; APPLICANT: AGENIX, INC.
; APPLICANT: LEXICON GENETICS INCORPORATED
; APPLICANT: Gregory M. Landes
; APPLICANT: Mary Haak-Frendscho
; APPLICANT: Ling Chen
; APPLICANT: Yen-Wah R. Lee
; APPLICANT: Meina Liang
; APPLICANT: Xiao Feng
; APPLICANT: Xiao-Chi Jia
; APPLICANT: Mark R. Nocerini
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO PHOSPHOLIPASE A2 AND USES THEREOF
; FILE REFERENCE: AGENIX.072VFC
; CURRENT APPLICATION NUMBER: PCT/US03/38234A
; CURRENT FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: PCT/US03/38234
; PRIOR FILING DATE: 2003-12-02
; NUMBER OF SEQ ID NOS: 222
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US03-38234A-36

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 GGCCCTAC 10
DB 2 GGACCTAC 10

RESULT 443
US-09-988-462-55/c
; Sequence 55, Application US/09988462
; GENERAL INFORMATION:
; APPLICANT: Koziel, Michael G.
; Desai, Nalini M.
; Lewis, Kelly S.
; Kramer, Vance C.
; Warren, Gregory W.
; Evola, Stephen V.
; Crossland, Lyle D.
; Wright, Martha S.
; Merlin, Ellis J.
; Launis, Karen L.
; TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
; INSECTICIDAL ACTIVITY IN MAIZE
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Syngenta Biotechnology, Inc.
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: NC
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/988,462
; FILING DATE: 20-Nov-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/547,422
; FILING DATE: 11-APR-2000
; APPLICATION NUMBER: US 08/459,504
; FILING DATE: 02-JUN-1995
; APPLICATION NUMBER: US 07/951,715
; FILING DATE: 25-SEP-1992
; APPLICATION NUMBER: US 07/772,027
; FILING DATE: 04-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: S-188051
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 541-8587
; TELEFAX: (919) 541-8689
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer for third quarter -
; HYPOTHETICAL: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 55:
US-09-988-462-55

Query Match 26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 TACAGGGAG 22
DB 11 TACAGGGGG 3

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RESULT 444
US-10-070-587C-100/c
; Sequence 100, Application US/10070587C
; GENERAL INFORMATION:
; APPLICANT: Epidauros Biotechnologie AG
; TITLE OF INVENTION: Polymorphisms in the human CYP3A4 and CYP3A7 genes and
; FILE REFERENCE: D 2145 PCT
; CURRENT APPLICATION NUMBER: US/10/070,587C
; CURRENT FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: EP 99 11 8120.7
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Sequence
US-10-070-587C-100

Query Match      26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 TACAGGGAG 22
Db 10 TTCAGGGAG 2

RESULT 445
US-10-070-587C-101
; Sequence 101, Application US/10070587C
; GENERAL INFORMATION:
; APPLICANT: Epidauros Biotechnologie AG
; TITLE OF INVENTION: Polymorphisms in the human CYP3A4 and CYP3A7 genes and
; FILE REFERENCE: D 2145 PCT
; CURRENT APPLICATION NUMBER: US/10/070,587C
; CURRENT FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: EP 99 11 8120.7
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 172
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Sequence
US-10-070-587C-101

Query Match      26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 TACAGGGAG 22
Db 2 TTCAGGGAG 10

RESULT 446
US-10-801-994-15/c
; Sequence 15, Application US/10801994
; GENERAL INFORMATION:
; APPLICANT: JOUNG, J. KEITH
; APPLICANT: MILLER, JEFFREY
; APPLICANT: PABO, CARL O.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INTERACTION TRAP ASSAYS
; FILE REFERENCE: MTV-030.01 (20021-3001)
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; CURRENT APPLICATION NUMBER: US/10/801,994
; CURRENT FILING DATE: 2004-03-16
; PRIOR APPLICATION NUMBER: US/09/858,852A
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 60/204,509
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Consensus
; OTHER INFORMATION: sequence
; NAME/KEY: modified_base
; LOCATION: (2)
; OTHER INFORMATION: No clear preference
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: No clear preference
US-10-801-994-15

Query Match      26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 80.0%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 9 ACGTGTCACAG 18
Db 10 ACGTGTCGCG 1

RESULT 447
US-10-708-951-22468
; Sequence 22468, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22468
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-22468

Query Match      26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 16 CAGGGAGTC 24
Db 3 CAGGGAGCC 11

RESULT 448
US-10-708-951-40892
; Sequence 40892, Application US/10708951
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY BACTERIAL
; FILE REFERENCE: 55034
; CURRENT APPLICATION NUMBER: US/10/708,951
; CURRENT FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 59824
; SOFTWARE: PatentIn version 3.2
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; SEQ ID NO 40892
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-708-951-40892

Query Match      26.4%; Score 7.4; DB 1; Length 11;
Best Local Similarity 88.9%; Pred. No. 2.4e+02;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      16 CAGGGAGTC 24
      |||||
Db       3 CAGGGAGCC 11

Search completed: April 19, 2004, 15:52:38
Job time : 2 secs

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